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CITY DOCUMENTS

Municipal Register 1914, Mayor's Address to the Council, Annual Reports, Etc.

FOR THE YEAR 1913.



CITY OF NEW BEDFORD
MASSACHUSETTS

THE A. E. COFFIN PRESS
1914

31291

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Municipal Register

JUNE 1, 1914.

MAYOR.

CHARLES S. ASHLEY, 93 State Street, Salary \$5,000.

ALDERMEN—Salary \$100 each.

Ward One:—ALDEGE CHAUSSE.....396 No. Front Street.
Ward Two:—JOHN MORRIS,.....235 Pope Street.
Ward Three:—JOHN B. LOWNEY,.....69 Willis Street.
Ward Four:—CLIFTON W. BARTLETT, 2 North Orchard Street.
Ward Five:—ROBERT C. SHERMAN,.....356 County Street.
Ward Six: —WILLIAM K. LEES,.....64 Larch Street.

President:—ALDERMAN SHERMAN.

Clerk:—W. H. B. REMINGTON.

COMMON COUNCILMEN.

Ward One.

ALBERT CASSIDY.....78 Tallman Street
SAMUEL A. GOODFELLOW.....116 Hathaway Street
WILLIAM D. HAMEL.....119 Tallman Street
GEORGE D. LACROIX.....225 Bowditch Street

Ward Two.

JAMES F. COLLINS.....27 Trinity Street
ALFRED LEVEILLE.....77 Linden Street
MORTIMER McCARTY.....87 Hazard Street
ROBERT S. WEAVER.....168 Merrimac Street

Ward Three.

GEORGE T. DUCKWORTH.....57 Hill Street
CHARLES W. JONES.....66 Mill Street
HUBERT S. KELLEHER.....1174 Purchase Street
SAMUEL A. PERCY.....1086 Pleasant Street

Ward Four.

CHESTER W. CHASE,.....599 Union Street
THOMAS OTIS.....10 Eighth Street
WALTER H. PEIRCE.....304 Kempton Street
LOUIS N. SCHULER.....198 Cottage Street

Ward Five.

MURRAY F. BARROWS.....215 Hawthorn Street
HARRISON T. BORDEN.....154 Fair Street
ROSSA MORIARTY.....302 Purchase Street
HENRY E. WOODWARD.....80 Morgan Street

Ward Six.

SAMUEL E. BENTLEY.....106 South Street
JOSEPH H. FERNANDES.....383 So. Second Street
HENRY J. PARKER.....2 Rockland Street
JOHN WATLING.....35 Larch Street

President:—HENRY E. WOODWARD.

Clerk:—CHARLES P. SAWYER. Salary, \$500.

STANDING COMMITTEES OF THE BOARD OF MAYOR AND ALDERMEN.

Burial Grounds—Aldermen Chausse (ch.), Lowney, Bartlett.

Enrollment—Alderman Morris (ch.), Lowney, Bartlett.

Licenses—Alderman Sherman (ch.), Lowney, Morris.

Streets—The Mayor (ch.), Aldermen Chausse, Morris.

Police—The Mayor (ch.), Aldermen Lowney, Lees.

Soldiers' Aid—The Mayor (ch.), Aldermen Sherman, Lees.

JOINT STANDING COMMITTEES OF THE CITY COUNCIL.

Armories and Military Property—Aldermen Morris (ch.), Lowney; Councilmen Percy, Borden, Fernandes.

Audit—Aldermen Chausse (ch.), Lees; Councilmen Jones, Cassidy, Parker.

Bath Houses—Aldermen Lees (ch.), Lowney; Councilmen Leveille, Duckworth, Fernandes.

Buildings in the Fire Districts—Aldermen Bartlett (ch.), Morris; Councilmen Chase, Weaver, Peirce.

Charities, Almshouse and the Poor—Aldermen Morris (ch.), Chausse; Councilmen Collins, Schuler, Moriarty.

City Property—Aldermen Bartlett (ch.), Lees; Councilmen McCarty, Hamel, Peirce.

Claims—Aldermen Lowney (ch.), Morris; Councilmen Cassidy, Otis, Bentley.

Education—Aldermen Bartlett (ch.), Chausse; Councilmen Moriarty, Weaver, Schuler.

Finance—The Mayor (ch.), Alderman Chausse; Councilmen Lacroix, Collins, Kelleher, Schuler, Woodward, Watling.

Fire Department—Aldermen Sherman (ch.), Chausse; Councilmen McCarty, Goodfellow, Percy.

Fuel—The Mayor (ch.), Alderman Lees; Councilmen Percy, Chase, Barrows.

Ordinances—Alderman Chausse (ch.), Sherman; Councilmen Cassidy, Duckworth, Otis.

Printing—Alderman Lowney (ch.), Councilmen Chase, Kelleher.

Roads, Bridges and Sewers—Aldermen Lowney (ch.), Morris; Councilmen Leveille, Borden, Peirce.

Street Lights—Aldermen Sherman (ch.), Chausse; Councilmen Hamel, Bentley, Collins.

Water Works and Water Supply—Aldermen Lees (ch.), Chausse; Councilmen Lacroix, Leveille, Percy.

Wharves—Aldermen Sherman (ch.), Lowney; Councilmen Barrows, Moriarty, Fernandes.

STANDING COMMITTEES OF THE COMMON COUNCIL.

Bills in the Second Reading—Councilmen Leveille (ch.), Parker, Watling.

Elections and Returns—Councilmen Kelleher (ch.), Barrows, Lacroix.

Enrolled Ordinances—Councilmen Duckworth (ch.), Goodfellow, Lacroix.

DEPARTMENTS.

City Clerk—WALTER H. B. REMINGTON, Salary \$2,700.
1 North Ash Street.

Assistant City Clerk—JAMES DIGNAM, Salary \$1,500.
505 Cottage Street.

City Treasurer and Collector of Taxes—WILLIAM S. COOK, Salary \$3,500. 48 Morgan Street.

City Auditor—CHARLES J. MCGURK, Salary \$2,500.
79 Rockland Street.

Assistant City Auditor—EDWIN L. TILLINGHAST, Salary \$1,700.
180 Clinton Street.

Clerk of Committees—CHARLES P. SAWYER, Salary \$1,500.
42 Park Street.

City Solicitor—BENJAMIN B. BARNEY, Salary \$2,500.
3 North Orchard Street.

City Engineer—GEORGE H. NYE, Salary \$2,500.
23 Arnold Place.

Superintendent of Streets—CHARLES F. LAWTON, Salary \$2,700. Maple View Terrace.

Superintendent of Public Buildings and Inspector of Buildings—JOSEPH L. GIBBS, Salary \$2,500. 569 Purchase Street.

Inspector of Wires, WILLIAM P. BRIGGS. Salary \$1,500.
89 State Street.

OTHER OFFICIALS.

City Physician—Salary \$550. SAMUEL K. SEGALL, M. D.
Term expires February, 1917.

Sealer of Weights and Measures—JOHN H. RYAN, Salary \$1,200.

City Forester—CHARLES F. LAWTON, Superintendent of Streets, ex-officio. Salary \$100.

Superintendent of Sewers—CHARLES F. LAWTON, Superintendent of Streets, ex-officio.

Harbor Master—CHARLES H. PURRINGTON, Salary \$300.

City Wharfinger—Joseph Donaghy. Fees.

Inspector of Crude Petroleum—ORVILLE E. YOUNG. Fees.

MUNICIPAL REGISTER

ASSESSORS.

Salary \$2,000 each

JOHN H. FINNELL, Secretary	Term expires 1914
JOHN HANNIGAN,	Term expires 1915
JOSEPH H. HANDFORD, Chairman	Term expires 1916

Assistant Assessors

Salary \$4.00 per day when employed.

Ward 1—JOSEPH A. DIONNE
 Ward 2—JAMES H. HOLDEN
 Ward 3—FREDERICK A. WASHBURN
 Ward 4—ROLAND A. LEONARD
 Ward 5—FREDERICK D. SOULE
 Ward 6—MATTHEW QUINLAN

BOARD OF HEALTH.

Salary \$500 each

FRANCIS M. KENNEDY, D. D. S.,	Term expires February, 1915
LOUIS Z. NORMANDIN, M. D.,	Term expires February, 1916
HAROLD WINSLOW,	Term expires February, 1917
FRANCIS M. KENNEDY, D. D. S., Chairman	

Agent

WILLIAM G. KIRSCHBAUM

Clerks

SUSAN J. SMALL, EDNA E. WRIGHT, Asst.

Quarantine Physician—Salary, \$800.

DR. JOSEPH A. FRAZIER

Health Inspector—Salary, \$1,100

ROBERT N. B. DOANE

Inspector of Plumbing—Salary, \$1,500

LOUIS H. RICHARDSON

Inspector of Plumbing—Salary, \$1,500

WILLIAM DEACON

Medical Inspector—Salary, \$1,000

DR. A. N. SENESAC

Bacteriologist—Salary \$1,000

DR. A. H. MANDELL

Nurse

SARAH W. CHASE

Medical School Inspectors—Salary, \$400 each

DR. A. V. PIERCE	DR. E. ST. J. JOHNSON
DR. CHARLES SHANKS	DR. J. F. WEEKS
DR. W. A. NIELD	DR. J. P. ST. GERMAIN
DR. E. P. SEAVER, JR.	DR. J. C. ROSS
DR. CHAS. M. ATCHISON	DR. D. J. LOWNEY

Inspector of Milk, Slaughtering, etc.—Salary, \$1,550

H. B. HAMILTON, D. V. S.

NEW BEDFORD WATER WORKS**New Bedford Water Board**

CHARLES S. ASHLEY, Mayor, ex-officio, President

HENRY E. WOODWARD, President of Common Council, ex-officio

WILLIAM H. PITMAN, Term expires June, 1915

FRANCIS P. WASHBURN, Term expires June, 1916

LETTICE R. WASHBURN, Term expires June, 1917

Clerk

ROBERT C. P. COGGESHALL

Superintendent—Salary, \$3,000

ROBERT C. P. COGGESHALL

Water Registrar—Salary, \$1,800

CLIFFORD BAYLIES

OVERSEERS OF THE POOR

Salary, \$300 each

STANISLAUS DESAUTELS, Chairman

MANUEL A. ANDREWS, Terms expires May 1, 1915

J. CLIFFORD SHERMAN, Term expires May 1, 1916

STANISLAUS DESAUTELS, Term expires May 1, 1917

Secretary—Salary, \$1,800

J. CLIFFORD SHERMAN

Stenographer—Salary \$12 per week

LUCY E. BROADBENT

Clerk to the Board and French Interpreter—Salary, \$20 per week.

JOSEPH A. DESJARDINS

Visitor and Portuguese Interpreter—Salary, \$1,200

ANTONE H. SENNA

Superintendent of Almshouse and Farm—Salary, \$1,050

THOMAS F. BROWN

Physicians to Board

Physician to the North District—Salary, \$75 per month.

STANISLAS A. LAMOREAU, M. D.

Physician to the South District—Salary, \$75 per month.

DR. C. E. BURT, M. D.

Physician at Almshouse—Salary, \$50 per month

DR. EDWARD T. TUCKER

Matron of Almshouse

CATHERINE E. BROWN

Chaplain of Almshouse

REV. CHARLES S. THURBER

Keeper of Wood and Coal Yard

JOHN E. DYER

TRUSTEES FREE PUBLIC LIBRARY

CHARLES S. ASHLEY, Mayor of the City.

HENRY E. WOODWARD, President of the Common Council.

CLIFTON W. BARTLETT, Chairman of the Committee of the City Council on Education.

ALEX. McL. GOODSPEED,	Term expires April, 1915
FRANK A. MILLIKEN,	Term expires April, 1915
FRANCIS M. KENNEDY,	Term expires April, 1916
OTIS SEABURY COOK,	Term expires April, 1916
MATTHEW C. JULIEN,	Term expires April, 1917
JIREH SWIFT, JR.,	Term expires April, 1917

President of the Board
THE MAYOR

Clerk
ALEX. McL. GOODSPEED
Librarian—Salary, \$4,000
GEORGE H. TRIPP

COMMISSIONERS OF SINKING FUND

WILLIAM A. MACKIE, Chairman

EDMUND W. BOURNE,	Term expires March, 1915
JOHN T. BULLARD,	Term expires March, 1916
WILLIAM A. MACKIE,	Term expires March, 1917
WILLIAM S. COOK, Secretary and Treasurer—Salary, \$300	

BOARD OF PARK COMMISSIONERS

SAMUEL P. RICHMOND, Chairman

OBED C. NYE,	Term expires 1st Monday in May, 1915
WILLIAM KEITH,	Term expires 1st Monday in May, 1916
WILLIAM F. CASWELL,	Term expires 1st Monday in May, 1917
ANTONE L. SYLVIA,	Term expires 1st Monday in May, 1918
SAMUEL P. RICHMOND,	Term expires 1st Monday in May, 1919

WILLIAM F. CASWELL, Secretary

General Superintendent—Salary, \$1,800

THOMAS W. COOK

CEMETERY BOARD

WILLIAM M. HIGHAM, Chairman

WILLIAM M. HIGHAM,	Term expires May 1, 1915
JOHN G. NICHOLSON,	Term expires May 1, 1916
CHARLES H. VINAL,	Term expires May 1, 1917

CHARLES H. VINAL, Secretary

Assistant Superintendent of Cemeteries—Salary, \$1,200

HURLBERT E. THOMAS

REGISTRARS OF VOTERS

Salary \$400 each

JOHN E. McBRIDE, Chairman (Dem.)	Term expires May, 1915
JOSEPH C. PATNAUDE, (Rep.)	Term expires May, 1916
CHANNING WILDE, (Dem.)	Term expires May, 1917

W. H. B. REMINGTON, (Rep.) Clerk, Salary, \$300.

BOARD OF LICENSE COMMISSIONERS

Salary, \$500 each

RODOLPHUS A. SWAN, Chairman and Secretary

RODOLPHUS A. SWAN, (Dem.)	Term expires 1916
CHARLES S. BAYLIES, (Dem.)	Term expires 1918
DANIEL W. BAKER (Rep.)	Term expires 1920

FIRE DEPARTMENT**Board of Fire Engineers**EDWARD F. DAHILL, Chief Engineer, Term expires April, 1918
Salary, \$2,500.JAMES J. DONAGHY, First Assistant Engineer, Term expires April,
1915. Salary, \$1,000.WILLIAM E. WATSON, Jr., Second Assistant Engineer. Term expires
April, 1918. Salary, \$300.FRANK R. PEASE, Third Assistant Engineer. Term expires April,
1917. Salary, \$300.STEPHEN L. FINNELL, Fourth Assistant Engineer. Term expires
April, 1916. Salary, \$300.

JOSEPH P. KENNEDY—Clerk of Board. Salary, \$500.

THE NEW BEDFORD PROTECTING SOCIETY.

1913—1914

PRESIDENT :

CHAS. S. KELLEY, JR,

DIRECTORS.

HENRY S. HUTCHINSON	CHESTER P. REXFORD
THOMAS B. AKIN	F. OSCAR COVILL
CHAS. S. BAYLIES	F. P. R. PATTERSON
EDWARD B. ROBBINS	JOSEPH F. CORNWELL.

SECRETARY AND TREASURER :

EDMOND L. WILDE

Allen, Geo. H. H.
 Bates, Clarence A.
 Webber, James A.
 Swift, Horace W.
 Blair, John K.
 Dawe, William C.
 Bonneau, F. A.
 Bourne, Williams S.
 Brightman, Harry C.
 Brooks, Arthur T.
 Coe, I. H., Jr.
 Coggeshall, R. C. P.
 Brooks, Andrew J.
 Williams, Thos. W.
 Knowles, Jos. F.
 Delano, Arthur D.
 Dias, Joseph
 Francis, James P.
 Covill, Clarence W.
 Gifford, Frank H.
 Gifford, Thos. J.
 Boucher, Ernest H.
 McDonald, Henry J.
 Howard, Henry, Jr.
 Howland, John J.
 Humphrey, Jas. L., Jr.
 Taber, George C.
 Knowles, Henry S.
 Lewis, Edgar R.
 Macy, Frederick B.
 Macy, George I.
 Macy, J. Roland

Manchester, P. F.
 Mendelson, Hyman
 Tuell, Clifton P.
 Watson, Edwin M.
 Makin, Henry J.
 Parker, David L.
 Perry, Samuel H.
 Pitman, William H.
 Porier, Aime J.
 Potter, William F.
 Oesting, Edward A.
 Olivier, Geo. L.
 Oman, Charles E.
 Smith, Nat. C.
 Richardson, Louis H.
 Francis, Arthur S.
 Phillips, William C.
 Robinson, Wm. A., Jr.
 Allen, David W.
 Sharples, Charles S.
 Sharples, Arthur
 Smith, Alex. T.
 Dunham, Otis M.
 Sullivan, D. J.
 Sears, Louis A.
 Taber, Frederic H.
 Taylor, Wm. T.
 Allen, William M.
 Wagner, Isaiah C.
 Jason, Alonzo V., Jr
 Wood, Horace
 Burke, Harry

POLICE DEPARTMENT.

Chief

Salary, \$2,500

HENRY W. MASON

Deputy Chief

Salary, \$1,800

JOHN C. PARKER

Captains

Salary, \$1,500 each

ARTHUR H. JONES

THOMAS J. TAFT

Inspectors

Salary \$23.86 per week each.

WALTER ALMOND

GEORGE R. LAWRENCE

FRANK W. SYLVIA

Lieutenants

Salary \$23.86 per week each

LEMUEL D. ADAMS

CHARLES L. McBAY

THOMAS W. COMSTOCK

JEREMIAH McCARTHY

DANIEL DENEEN

WILLIAM E. ROSCOE

THOMAS FAY

HARRY D. STOW

WILLIAM FOWLER

WILLIS C. UNDERWOOD

JOSEPH B. WING

Sergeants

Salary \$22.42 per week each.

NARCISSE A. BREAUULT

FRANK L. REMINGTON

EDWARD P. DOHERTY

JAMES W. SAVAGE

SAMUEL D. McLEOD

CHESTER L. TRIPP

Police Matron

Salary \$2.00 per day

SARAH M. BROWNELL

Keeper of the Lockup

Salary, \$100 per year

HENRY W. MASON

PATROLMEN

Salary: 1st year \$2.25 per day.

2d year \$2.50 per day.

3rd year \$3.00 per day.

Aillery, Constant	Haran, Luke T.
Allen, Charles E.	Haran, John F.
Almond, William, Jr.	Harding, James P.
Ashley, Henry T.	Harrington, Daniel
Astley, Thomas	Hayden, Abram L.
Barbour, Robert L.	Head, Edgar E.
Boehler, Max F.	Hickey, William B.
Bolton, James E.	Holloway, Arod B.
Breault, Joseph A.	Horton, Eliphalet H.
Briggs, Myron S. A.	Howland, William A. E.
Brightman, Ellery E.	Hynes, Edward A.
Brophy, Edward O.	Irwin, Henry, Jr.
Butts, Henry	Ivey, James A.
Cash, James	Jacobs, Ellsworth C.
Caswell, Charles A.	Jenkins, Thomas J.
Chase, Raymond	Johnson, Harry
Cleary, William E.	Karcher, Frederick, Jr.
Cole, William T.	Lamothe, Benjamin
Craft, James F.	Leahy, William T.
Crapo, Albert A.	Lentz, Joseph A.
Cushing, William S.	Lowther, George H.
Dahoney, Thomas	McKinstry, Albert B.
Daley, Charles F.	Manning, Joseph S.
Deane, James	McCarthy, William H.
Doherty, Thomas	McCrohan, John H.
Downey, Daniel	McGoff, James E.
Downey, John B.	McDonald, Daniel J.
Downey, William M.	McEnnis, Robert B.
Dupuis, Patrick H.	McKay, John T.
Dupuis, Wilfred H.	Miller, John J.
Durant, Lawrence J.	Mitchell, William
Earley, Edward C.	Moore, James J.
Ellis, Harry C.	Mosher, Albert E.
Evans, John	Mullins, Enoch
Fanning, John F.	Murdy, Robert H.
Fay, John H.	Murphy, Edward
Fell, Charles	Murphy, Francis A.
Fernandes, Joseph A.	Murphy, Lawrence
Foley, Edmund	Nault, Joseph
Francis, Antone	Neagus, Melvin E.
Freitas, Manuel	Nelson, Ivar V.
Gatenby, James S.	Nickerson, Charles F.
Gibbs, Nathaniel F.	Oliver, John F.
Glennon, William F.	Patterson, Charles G.
Gorner, Arthur	Phinney, Charles E.
Grant, George P.	Pieraccini, Raphael
Gregory, William	Place, Joseph A.
Hafford, Stephen, Jr.	Pollock, John H.
Haggerty, Timothy F.	Prifogle, Edward

Raymond, Edward	Sylvia, Antone F.
Raymond, Hiram E.	Taber, Jeremiah H.
Rooks, Albert H.	Touchette, Hermes
Rooks, John C.	Turgeon, Joseph V.
Sanders, Joseph A.	Velho, Augustine F.
Searrell, William E.	Vogel, Robert F.
Sherman, George A.	Welsh, William
Smith, Charles F.	White, Albert B.
Souza, William H.	Winterson, Henry B.
Spooner, John C.	Wilcox, Seth A.
Staples, Walter C.	Williams, Benjamin F., Jr.
Sullivan, James H.	Williams, Charles H.
Sullivan, Mathew	Wixon, James A.
Sundin, Carl A.	Woolfenden, Albert
Sweeney, Daniel P.	

EMERGENCY OFFICER:

Salary \$3.00 per day.

Patrick Kennedy

WAGON MEN :

Paige, George W.

DRIVERS :

Dalbec, Edmond	Meade, James
Ryan, William M.	

HOUSEKEEPERS :

Salary \$2.50 per day.

Aldrich, Oscar F.	Humphrey, Daniel J.
Arnett, James W.	Kenney Patrick
Cannavan, Patrick	Meehan, Daniel
Clough, George H.	Smith, Andrew J.
Dodds, James	Sullivan, Timothy
Eldridge, Washington A.	Wilson, Thomas H.

PENSIONED:

Winslow, George F.

JANITORS :

Allen, Charles G.	Drew, Moses C.
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RESERVE POLICE :

Benoit, William R.	Kinney, Joseph R.
Bourgeois, Albini	Lemaire, Anthony C.
Burke, John E.	Marder, James
Cafferty, John	McDonald, William F.
Chausse, Onat A.	McDonnell, James
Davies, John W.	Mott, Cassius B.
Degrasse, Charles H.	Muldoon, Thomas
Deverill, John H.	Parkinson, John
Dupuis, Bernard	Perry, Anthony E.
Downey, Stephen P.	Reddy, Michael
Fay, Miles L.	Seddon, Thomas
Faunce, Albert M.	Stanley, Charles A.
Gobiel, Joseph	Turgeon, Francois X.
Howes, Charles M.	Vincent, Charles H.
Kane, John	Walsh, John P.
Kelley, Michael J.	Walsh, William
Kinney, William E.	Wooley, Thomas

SPECIAL POLICE OFFICERS :

Adams, John	Buckley, John P.
Algar, Reuben T.	Buckley Maurice L.
Allaire, Alphonse J.	Burgess, Stephen
Allen Charles G.	Burke, Charles
Allen, David W.	Burke, Harry
Allen, George H.	Burke, Michael I.
Amaral, Nedhart F.	Burke, Raymond
Anderson, Thomas	Butts, Henry R., Jr.
Andrews, William	Butts James D.
Arendt, Walter	Callahan, John
Arnett, Robert	Cantwell, John T.
Arruda, Manuel	Cardin, Adelard Eddie
Audette, John	Carney, John F.
Avilla, oseph P.	Cathcart, Charles E.
Baker, Daniel A.	Charpentier, Hormidas
Baker, Daniel W.	Cash, James
Baldwin, Walter Jr.	Chase, Aruna S.
Bariteau, Victor J.	Chenoweth, H. A.
Bear, John G.	Clark, Edward
Benoit, Alfred F.	Clark, William
Bentley, Frank T.	Clarkson, Nicholas J.
Berry, James H.	Claudino, Manuel L.
Bliss, Frederick P.	Clitheroe, Thomas
Bliss, William H.	Clynes, Thomas
Bonnin, Narcisse	Collins, John
Booth, Benjamin T.	Conklin, Abraham
Booth, Charles L.	Connelly, Daniel J.
Booth, John	Connolly, John
Bosworth, Joseph	Cooper, Albert
Bourbeau, Augustine	Corish, John
Broadbent, Samuel S.	Corley, Maurice C.
Brown, William L. G.	Cornell, Abraham
Brownell Herbert A.	Cornell, Sydney I.
Buckley, Alfred R.	Corson, J. A.

Cote, Joseph
Cowen, James L.
Cronin, Cornelius
Crow, James
Cummings, Archibald
Cunningham, George W.
Dammon, George K.
Davenport, Charles H.
Davis, Alfred A.
Dawe, William C.
Dean, Thomas F.
DeBeech, John
Dessert, Antoine
Devoll, George H.
Doiron, Wilfred
Donaghy, Joseph
Driscoll, Patrick J.
Duckworth, William A.
Duffy, John
Duffy, Thomas
Dunlevy, Thomas
Dutra, Manuel
Duval, Napoleon
Dwyer, Thomas
Dwyer, Walter
Edwards, Robert E.
Eldridge, Samuel T.
Ellis, Robert C.
England, George
Fairclough, Thomas
Fanning, John F.
Farnham, Charles W.
Fay, Miles H.
Ferguson, Joseph
Ferguson, William
Fernandes, Joseph H.
Field, Edward H.
Fingal, Stening
Finn, Michael
Fitzgerald, John
Folger, Frank
Foster William E.
Fournier, Napoleon J.
Francis, Frank W.
Francis, Frederick J.
Francis, Joseph K.
Furtado, Manuel J.
Garant, Joseph
Garvin, Patrick F.
Geary, Albert V.
Geddis, Henry S.
Gendron, George D.
Gibbs, George H.
Gibbs, Preston H.
Gibbs, William H.
Gifford, George H.
Gifford, John
Gifford, John F.
Glennon, Thomas F.
Gomes, Michael
Greene, Joseph S.
Greene, Marshall S.
Greer, John
Gregoire, Philias
Grew, John W.
Guyer, Henry
Hannigan, John
Harrington, Cornelius
Harrington, Daniel H.
Harrington, John S.
Hathaway, Henry L.
Hathaway, John T.
Henner, Noe
Heron, James T.
Higginbottom, Eli
Hill, Frank Leslie
Hoarle, George E.
Holland, William H.
Holloway, James T.
Holmes, Ezra
Holmes, John J.
Holmes, Thomas C.
Houle, Dolor A.
Howland, George W.
Howland, William G.
Hurl, Daniel
Irwin, Henry
Jameson, Frederick
Jason, Alonzo M. Jr.
Jason, Antone
Jennings, Charles E.
Jennings, John W.
Johnson, Oscar
Jones, John J.
Jones, Robert
Jordan, F. C.
Joseph, John
Karcher, Frederick, Sr.
Kelley, Hiram C.
Kennedy, Augustus M.
Kennedy, Thomas
Kenyon, Benjamin W.
Kiernan, Thomas
King, Joseph T.
Kniffen, Lewis
Lagasse, Telesphore
Lamery, Arcade
Lapham, George W.
Lawrence, Cyrus T.
Leary, Dennis, Jr.

Leary, Michael M.	Outlaw, Walter E.
LeClair, William	Palmer, Robert
Lefere, Louis	Parker, Charles W.
Leite, Louis	Peltier, Joseph P.
Levasseur, Ludger	Petty, Benjamin H.
Lima, Anthony M. Jr.	Phillips, Henry T.
Lima, Joseph	Pierce, Clarence E.
Little, Frank	Pierce, Jason F.
Little, John E.	Pierce, Thomas H.
Littler, Henry	Place, William J.
Lobo, Joseph N.	Poirier, Thomas M.
Lord, Thomas	Pollock, Frederick O.
Lowney, John	Pollock, John H.
Lumbert, Hiram T.	Potter, Walter S.
Lupo, E. D.	Quntanihla, Antonio V.
Luther, Joseph P.	Rainville, Joseph G.
Lyons, John	Randall George E.
Lynch, Simeon F.	Rau, Gustavus L.
Lyng, William H.	Rawstron, John
Macia, William H.	Read, George P.
Macomber, H. M.	Read, Richard A.
Magnant, Isaie	Remington, John G.
Mallon, John	Resendes, Seraphin
Marshall, Thomas R.	Reynolds, Charles H.
Martel, Henry	Reynolds, James R.
Matthews, Howard L.	Richie, David
McCann, Edward J.	Ridings, Thomas H.
McCoy, Patrick	Riley, Thomas
McDonald, Patrick J.	Riley, Thomas S.
McHugh, John	Robbins, Edmund M.
McKenna, Frank	Robinson, Charles
McSally, James	Rooney, John L.
Mello, Jose Jacinto	Rosseau, Arthur
Menez, Manuel	Rouiller, Domina
Miller, George	Roy, John V.
Montague, Henry	Roy, Romuald J.
Moran, Charles	Russell, Edward
Morgan, Elias T.	Sadler, William G.
Morosse, Alfred	Salmon, John
Morrison, Thomas	Sargent, William A.
Morrissey, Alex	Sawyer, William
Mosher, Willard B.	Senesac, Harvey
Mott, Cassius B.	Shaw, John C., Jr.
Mullins, James J.	Shea, Michael J.
Mullins, John	Sheenan, Daniel D.
Nault, Joseph	Sheffield, John P.
Netcher, George F.	Sherman, John
Nicholson, John B.	Sicard, Phillippe
Noonan, Thomas	Silva, Amador
Normandin, Frank	Silva, Joaquin da
Norton, Charles H.	Simpson, Andrew A.
Oliveira, Antone	Slater, Rothwell
Oliver, John	Smethurst, Harry
O'Malley, William	Smith, Alfred
O'Dette, J.	Smith, Henry H.

Soucy, Joseph
 Souza, Arthur E.
 Souza, Manuel
 Sowle, Herbert T.
 Spicer, Robert H.
 St. Peter, Albert
 Staples, Ellis
 Stephens, H. A.
 Stephens, Michael
 Sutcliffe, Arthur
 Sweeney, James
 Swift, Horace W.
 Sylvia, John J.
 Sylvia, Manuel
 Sylvia, Manuel (No. 2.)
 Taber, George C.
 Tallman, Edward S.
 Taylor, Henry
 Taylor, William A.
 Taylor, William J.
 Tebarge, John
 Thomas, Edward, Jr.
 Thomas, Joseph S.
 Thompson, George L.
 Thompson, James A.

Thompson, Thomas
 Thornton, John H.
 Tripp, Benjamin E.
 Tripp, Leroy G.
 Tyson, James
 Viera, Joseph S.
 Vera, Louis
 Walsh Joe
 Ward, David G. F.
 Wagner, I. C.
 Warfield, James H.
 Waters, Charles O.
 Watts, William H. C.
 Webb, Elijah
 Wells, L. A.
 Westwood, Benjamin
 Whitman, William
 Wilbur, Allen R.
 Wilbur, William
 Wilcox, Otis A.
 Wilcox, William H.
 Wiley, James
 Wilkinson, Henry
 Williston, Hiram L.
 Wood, James A.

CONSTABLES :

The Members of the Police Force and

Barnum, James E.	Patnaude, Joseph C.
Benoit, Alfred F.	Poirier, Thomas M.
Black, Jacob	Raulino, Antone J.
Dean, John H.	Reynolds, Charles H.
Doane, Robert N. B.	Shuster, Hyman
Edgerton, William J.	Simmons, Charles H.
Foster, William E.	Sweeney, William J.
Francis, Frederick J.	Sweet, Isaac H.
Galligan, Patrick J.	Sylvia, Antone A.
Gaucher, Elphege	Sylvia, Thomas A.
George, Manuel F.	Sylvia, Wm. K.
Hall, William Patrick	Sylvieira, Manuel J., Jr.
Jackson, Herbert M.	Vieira, John C.
Mellody, Anthony J.	Wilcox, Otis N.
Moore, Lewis S.	

PUBLIC WEIGHER.

Almy, Walter C.	Baldwin, John
Anderson, Thomas	Bardsley, Edwin, Jr.
Andrews, Manuel A.	Bariteau, Alfred J.
Andrews, William	Bariteau, Joseph L.
Ashley, Andrew H.	Barrett, John
Ashley, Roland R.	Bates, Lonnie D.
Audette, John	Belanger, Louis
Axelsson, Emanuel	Bennett, James T.

Bertrand, Joseph	Donahue, Joseph F.
Bessette, William	Donley, William
Blackburn, William A.	Dow, William A.
Blower, William	Downey Maurice
Borden, Horace	Downs, David
Borden, Louis F.	Duckworth, A.
Boucher, Albert	Dwelley, Andrew H.
Bradford, Edgar A.	Dwyer, Walter
Breen, Frank J.	Earnshaw, John
Briggs, Arthur S.	Emerson, David R.
Brown, Walter	Etchells, Henry
Brownson, George L.	Fanning, James
Brunette, Joe	Fairclough, Thomas
Butler, Clarence H.	Feenan, Henry Allen
Butts, James D.	Feldgen, Frank H.
Byrne, James	Foley, Edward F.
Byron, John	Foley, Timothy
Calnan, Timothy J.	Forbes, Joseph C.
Carney, John F.	Foy, John
Carter, John	Francis, William H.
Carter, William	Franklin, William
Chase, Nathan P.	Frechette, Edward
Christie, Joseph	Furtado, Manuel, Jr.
Cobb, George A.	Furtado, Manuel J.
Cobb, George S.	Gadbois, Adelard
Coe, Walter L.	Gallagher, William
Coe, William A.	Gannon, John
Comeau, John	Gardner, James H.
Comey, Charles M.	Gargan, John
Connolly, Joseph D.	Gatonski, Peter
Connors, James	Gifford, John I.
Cooper, Joseph	Gile, John F.
Cordeira, John	Gill, James
Cornelius, Orrin S.	Girard, Fred
Coupe, Horace R.	Girouard, Clement
- Coxen, H. M.	Girvan Douglass J.
Crowley James T.	Goldthwait, B. D.
Coyle, Joseph	Gomes, Michael
Cumisky, John A.	Gooding, Clinton S.
Cummings, Archibald	Gooding, Thomas B.
Cunniff, Frank	Goulet, Alfred
Cunningham, James F.	Gray, Charles A., Jr.
Curtis, Daniel J.	Gray, Robert
Cushing, Joseph B.	Gray, William
Dakin, John	Grundy, William
Daley, Joseph H.	Hales, Arthur J.
Daly, James	Harney, John J.
Darling, Severgn	Hart, Robert J.
Davignon, Norbert T.	Hatton, John
Day, Thomas E.	Hawes, George W.
Deane, Albert E.	Hayden, Edward D.
DeMello, Edward	Henry, Arnold
Derosier, Jeffrey	Higginbotham, Cephas
Dickson, Fred	Higgins, Daniel F.
Dion, John	Hillgee, Robert
Disbury Robert	Hilton, Richard

Hilton, Samuel J.
Hitch, Frank B.
Honneyman, Bertram C.
Howland, Norris P.
Hunt, James
Hutchings, Walter C.
Inne, Albert
Inne, Louis
Irwin, James
Jemphrey, Robert
Jennings, George L.
Jennings, Ralph A.
Kane, Paul
Keane, Paul F.
Kiernan, John F.
Kilbride, James
King, Joseph F.
Kenney, E. D.
Laflame, Romeo
Legace, T.
Langevin, Joseph
Larocque, Wilfred
Lawrence, Charles
Lees, Fred
Lees, William K.
Lereau, Theodore
Letourneau, Hormidas
Lilly, Howard F.
Lincoln, Frank N.
Lindsey, Robert
Lineham, Lloyd
Linnehan, Peter
Littler, Henry
Lord, Thomas
Lyon, John
Macia, William H.
Macomber, George A.
Macomber, James S.
Macy, Andrew W.
Macy Frank H.
Manna Joseph
Marks, John S.
Marshall, Manuel C.
Mather, Arthur H.
McCarty, Mortimer
McDonald, Edward
McDowell, James
McGowan, Edward E.
McIntyre, Robert
McKiernan, Arthur
McKiernan, James F.
Mellor, Leonard
Menard, A. J.
Menton, Joseph
Midgley, William H.
Mitchell, Thomas F.

Moares, Joseph
Moores, Joseph
Morgan, David A.
Morse, E. C.
Mosher, Frederick P.
Muggleton, George
Mulher, James
Mullen, James J.
Neagus, John P.
Nelson, Joseph, Jr.
Nelson, William
Newby, James
Newett, Arthur
Nolan, Philip
Norton, Joseph
Oates, John
O'Brien, F. Thomas
Oesting, F. W., Jr.
Paine, Sidney S.
Parker, Thomas
Paul, George H.
Perkins, H. A.
Perry, John
Pierce, Nathaniel E.
Pontbraind, Oscar
Porter, James F.
Potter, Edwin
Potter, James F.
Price, Ralph K.
Quigley, Thomas
Rawstron, John
Raymond, Arthur W.
Raymond, Thomas A.
Reid, Frank A.
Reynolds, Albert
Reynolds, William
Rezendes, Frank F.
Richard, Clement
Richardson, Clifford
Rodman, Herbert L.
Robinson, Frank J.
Rock, Z.
Rodman, Frank P.
Rollins, Arthur
Rooney, John L.
Ross, Samuel
Roy, John V.
Roy, Romuald J.
Russell, Henry C.
Russell, John
Russell, Pardon
Russell, Richard
Ryan, Ambrose J.
Sami, Alfred
Sawyer, J. C.

Sayles, Harry D.
 Sayles, Joseph A.
 Silva, Joaquin da
 Shaw, C. L.
 Simmons, Lester F.
 Simpkins, John
 Sisson, Minerva M.
 Smith, Carlton W.
 Smith, Henry H.
 Smith, John
 Sparling, W. D.
 Spencer, Walter G.
 St. Germain, Burt
 St. Peter, Louis
 Staples, Willard F.
 Stephenson, Daniel
 Stevenson, Thomas J.
 Sullivan, Daniel
 Sullivan, Francis B.
 Sullivan, Peter F.
 Sullivan, William H.
 Sumner, Samuel
 Swallow, Samuel
 Swift Thornton S.
 Sykes, George T.
 Sylvia, Antone L.
 Sylvia, William
 Taft, Daniel H.

Taylor, George,
 Therrien, Philip
 Thibault, Ludger J.
 Tibbutt, Samuel
 Tilton, Samuel J.
 Touchette, Joseph
 Tremblay, Leo
 Tripp, Desmond W.
 Tripp, Jabez D.
 Tripp, Warren A.
 Troyan, Frank
 Vedring, Joseph
 Vieira, John R.
 Wadsworth, William H.
 Walsh, Joe
 Weeks, John L.
 Weir, Charles
 Welsh, William G.
 Whelan, Andrew J.
 Whitehead, John
 Wilbor, Walter C.
 Wild, Wright
 Wilding, George
 Winn, Thomas P.
 Wollison, Harris
 Wright, William C.
 Young, Orville E.

WEIGHERS OF COAL.

Anderson, Thomas
 Ashley, Andrew H.
 Baldwin, John
 Bariteau, Joseph L.
 Bates, Lonnie D.
 Bennett, James T.
 Borden, Louis F.
 Breen, Frank J.
 Briggs, Arthur S.
 Brownson, George L.
 Butts, James D.
 Carter, John
 Carter, William
 Champlin Rebecca W.
 Christie, Joseph
 Coe, Walter L.
 Coe, William A.
 Comey, Charles M.
 Connolly, Joseph D.
 Cummings, Archibald
 Cushing, Joseph B.
 Day, Thomas E.
 DeMello Edward
 Disbury, Robert
 Donahue, Joseph F.
 Dwelley, Andrew H.

Fanning, James
 Fay, John
 Finnity, John
 Forbes, Joseph C.
 Foy, John
 Gile, John F.
 Goldthwait, B. D.
 Gooding, Clinton S.
 Gooding, Thomas B.
 Gray, Charles A., Jr.
 Hillygee, Robert
 Hilton, Samuel J.
 Howland, Norris P.
 Hutchings, Walter C.
 Jennings, John
 Jennings, Ralph A.
 Keane, Paul F.
 Legace, T.
 Lindsey, Robert
 Lilley, Howard F.
 Lord, Thomas
 Macomber, George A.
 Macia, William H.
 Macy, Andrew W.
 Madeira, Joe
 Marland, William

McGowan, Edward E.
 Midgley, William H.
 Moares, Joseph
 Mulher, James
 Mullen James
 Newby, James
 Norton, Joseph
 Oates, John
 Oesting, F. W. Jr.
 Pontbriand, Oscar
 Price, Ralph K.
 Raymond, Arthur W.
 Raymond, Thomas A.
 Reid, Frank A.
 Reynolds, Albert
 Reynolds, William
 Rodman, Frank P.
 Rodman, Herbert L.
 Roy, John
 Russell, Pardon
 Ryan, Ambrose J.
 Simmons, Lester F.
 Sisson, Minerva M.

Spencer, Walter G.
 Staples, Willard F.
 Stevenson, Thomas J.
 Sullivan, Michael F.
 Sullivan, Peter F.
 Swift, Thornton S.
 Sykes, George T.
 Taylor, George
 Tibbutts, Samuel
 Tilton, Samuel J.
 Tripp, Jabez D.
 Tripp, Warren A.
 Vedring, Joseph
 Vieira, John R.
 Wadsworth, William H.
 Weeks, John L.
 Welsh, William G.
 Wilbor, Alfred
 Wilbor Walter C.
 Wilding, George
 Winn, Thomas P.
 Young, Orville E.

WEIGHERS OF BOILERS AND HEAVY MACINERY.

Anderson, Thomas
 Ashley, Andrey H.
 Bariteau, Joseph L.
 Bennett, James T.
 Borden, Louis F.
 Breen, Frank J.
 Briggs, Arthur S.
 Brownson, George L.
 Butts, James D.
 Carter, John
 Carter, William
 Christie, Joseph
 Coe, Walter L.
 Coe, William A.
 Comey, Charles M.
 Connolly, Joseph D.
 Cummings, Archibald
 Cushing, Joseph B.
 Day, Thomas E.
 DeMello, Edward
 Disbury, Robert
 Donahue, Joseph F.
 Dwelley, Andrew H.
 Fanning, James
 Finnity, John
 Foley, Edward F.
 Foley, Timothy
 Forbes, Joseph C.
 Gile John F.
 Goldthwait, B. D.

Gooding, Clinton S.
 Gooding, Thomas B.
 Gray, Charles A., Jr.
 Hillygee, Robert
 Hilton, Samuel J.
 Hitch, Frank P.
 Howland, Norris P.
 Hutchings, Walter C.
 Jennings, John
 Jennings, Ralph A.
 Keane, Paul F.
 Lagace, T.
 Lilley, Howard F.
 Lord, Thomas
 Macia, William H.
 Macy, Frank H.
 Madeira, Joe
 McGowan, Edward E.
 Midgley, William H.
 Moares, Joseph
 Moores, Joseph
 Mulher, James
 Mullen, James
 Newby, James
 Norton, Joseph
 Oates, John
 Oesting, F. W. Jr.
 Pierce, Nathaniel E.
 Pontbriand, Oscar
 Price, Ralph K.

Reid, Frank A.	Sykes, George T.
Reynolds, Albert	Taylor, George
Reynolds William	Tibbutts, Samuel
Rodman, Frank P.	Tilton, Samuel J.
Roy, John	Vedring, Joseph
Russell, Pardon	Vieira, John R.
Ryan, Ambrose J.	Wadsworth, William H.
Shaw, C. L.	Weeks, John L.
Simmons, Lester F.	Welsh, William G.
Sisson, Minerva M.	Wilbor, Walter C.
Spencer, Walter G.	Wilding, George
Staples, Willard F.	Winn, Thomas P.
Sullivan, Francis B.	Young, Orville E.
Sullivan, Michael	

MEASURERS OF WOOD AND BARK.

Ashley, Roland R.	Rainville, Joseph G.
Borden, Harrison T.	Rodman, Frank P.
Cobb, George A.	Stephenson, Thomas J.
Cobb, George S.	Walsh, Thomas
Hathaway, Edward E.	Westgate, Clarence E.
Howe, Benjamin F.	

SURVEYORS OF LUMBER.

Beetle, John H.	Gray, Charles A., Jr.
Croacher, Thomas	Howe, Benjamin F.
Desmond, William F.	Spooner, Daniel A.
Doane, Joshua G.	Walsh, Thomas H.

MEASURER OF GRAIN.

Rodman, Frank P.

FENCE VIEWERS.

Edwards, Robert E.	Rainville, Joseph G.
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FIELD DRIVERS.

The Police.

POUND KEEPERS.

Cook, George H.	Rainville, Joseph G.
	Wilson, Thomas H.

ELECTION OFFICERS

Term of Office Expires Sept. 15, 1914.

Officers marked thus (*) have qualified.

WARD 1, PRECINCT A.

*1	Warden,	OTIS A. SISSON,	R	3913 Acushnet Ave.
*2	Clerk,	JOHN W. SPENCER,	D	400 Tarkiln Hill rd.
*2	Inspector,	GEORGE S. COBB,	R	n. s. Hersom St.
*4	"	JOHN E. HORSFIELD,	D	2112 Acushnet Ave.
*5	"	DANIEL A. SPOONER,	R	3243 Acushnet Ave.
*6	"	JOHN T. DOYLE,	D	875 Plainville Rd.

Deputies

*1	Warden,	WILLIAM F. ANDREWS,	R	126 Tarkiln Hill Rd.
*2	Clerk,	WILLIAM H. MACIA	D	427 Tarkiln Hill Rd.
*3	Inspector,	FRANK DARLING,	R	103 Wood St.
*4	"	ANDREW MORAN,	D	8 Felton St.
5	"	JAMES D. OMAN,	R	2430 Acushnet Ave.
*6	"	ARTHUR DAVIGNON,	D	59 Sylvia St.

WARD 1, PRECINCT B.

*1	Warden,	DANIEL S. CONSIDINE,	D	171 Davis St.
*2	Clerk,	LeROY S. STURGIS,	R	2115 Acushnet Ave.
*3	Inspector,	HENRY CHARPENTIER,	D	12 Bentley St.
*4	"	FRANK E. SISSON,	R	2143 Acushnet Ave.
*5	"	JARVIS COUNSELL,	D	1631 Acushnet Ave.
*6	"	FRANK O. COVILL,	R	1848 Acushnet Ave.

Deputies

*1	Warden,	JOHN WALSH,	D	52 Clifford St.
2	Clerk,	PERCY SHEPHERD,	R	293 Davis St.
3	Inspector,	WILLIAM E. MURRAY,	D	203 Tinkham St.
*4	"	WALTER MARTIN,	R	160 Earle St.
*5	"	HENRY DOYLE,	D	105 Nash Rd.
*6	"	JOHN PILKINTON,	R	116 Hathaway St.

WARD 1, PRECINCT 1.

*1	Warden,	NATHANIEL H. JENNEY	R	1811 Acushnet Ave.
*2	Clerk,	MICHAEL E. DALEY,	D	238 Collette St.
*3	Inspector,	FREDERICK H. ROSCOW	R	259 Bowditch St.
*4	"	PETER J. WARD,	D	303 Collette St.
*5	"	WILLIAM J. SWEENEY,	R	232 Collette St.
*6	"	ONESPHORE A. THERRIEN,	D	80 Beetle St.

Deputies

*1	Warden,	THOMAS RIDINGS,	R	1627 Acushnet Ave.
*2	Clerk,	DANIEL F. MURPHY,	D	208 Nash Rd.
*3	Inspector,	CHARLES E. FOURNIER,	R	301 Earle St.
*4	"	EDWARD CAVANAGH,	D	163 Collette St.
*5	"	FRANCOIS LAPOINTE,	R	143 Collette St.
*6	"	TIMOTHY O'BRIEN,	D	230 Davis St.

WARD 1, PRECINCT 2.

*1	Warden,	HENRY J. FOURNIER,	R	148 Tallman St.
*2	Clerk,	ERNEST A. DUNHAM,	D	1430 Acushnet Ave.
*3	Inspector,	JOHN E. HANDFORD,	R	274 Sawyer St.
*4	"	PIERRE N. NAULT,	D	300 Sawyer St.
*5	"	CHARLES K. LEWIN	R	247 Cedar St.
*6	"	HENRY R. BLANCHETTE,	D	98 Kenyon St.

Deputies.

1	Warden,	FRED CASSAVANT,	R	341 Coggeshall St.
*2	Clerk,	ROBERT SIBOR	D	113 Tallman St.
*3	Inspector,	JOSEPH A. DIONNE,	R	80 Beetle St.
*4	"	STEPHEN H. SULLIVAN,	D	257 Cedar Grove St.
5	"	GEORGE F. CHADWICK,	R	105 Hathaway St.
*6	"	PAUL PARADIS,	D	311 Coggeshall St.

WARD 1, PRECINCT 3.

*1	Warden,	PATRICK J. CONNELLY,	D	95 Beetle St.
*2	Clerk,	JOSEPH Z. BOUCHER,	R	204 Davis St.
*3	Inspector,	DANIEL J. CONNELLY,	D	370 State St.
*4	"	DOLOR A. HOULE,	R	150 Tallman St.
*5	"	SAMUEL THOMPSON,	D	1090 Acushnet Ave.
*6	"	THOMAS LEWIN,	R	1082 County St.

Deputies.

*1	Warden,	FRANCIS LAUGHLIN,	D	1620 Acushnet Ave.
*2	Clerk,	WILLIAM McCANN,	R	200 No. Front St.
*3	Inspector,	JERONIM J. JANAK,	D	r. 33 Hicks St.
*4	"	ENOCH F. GRIFFITHS,	R	91 Kenyon St.
*5	"	WILLIAM S. GIFFORD,	D	1458 Pleasant St.
6	"	MOSES DENAULT, JR.	R	366 State St.

WARD 2, PRECINCT 4.

*1	Warden,	GEORGE P. MACOMBER	R	774 County St.
*2	Clerk,	PETER F. SULLIVAN,	D	328 Cedar St.
*3	Inspector,	CHARLES A. HALL,	R	1207 Pleasant St.
*4	"	JOHN H. CAHILL,	D	399 Cedar Grove St.
*5	"	CHARLES L. FAUNCE,	R	13 Pope St.
*6	"	DENNIS H. TOOMEY,	D	36 Linden St.

Deputies.

*1	Warden,	EDWARD H. CARTER,	R	275 Pope St.
*2	Clerk,	JAMES B. MOONEY,	D	350 Cedar St.
*3	Inspector,	JAMES H. HOLDEN,	R	1271 Pleasant St.
4	"	PATRICK H. SULLIVAN,	D	56 Linden St.
5	"	THOMAS T. GIFFORD,	R	389 Cedar St.
*6	"	JOSEPH H. SULLIVAN,	D	145 State St.

WARD 2, PRECINCT 5

*1	Warden,	CHARLES T. BROWNELL	R	320 Mt. Pleasant St
*2	Clerk,	THOMAS J. MURPHY	D	721 County St.
*3	Inspector,	GEORGE A. BOSWORTH,	R	674 County St.
*4	"	JOHN J. TOOMEY,	D	16 Ashland Ter.
*5	"	EDWARD T. MAHONEY,	R	328 Cedar St.
*6	"	MICHAEL J. HURLEY,	D	49 Vine St.

Deputies

*1	Warden,	JOHN J. GOLDTHORPE,	R	18 Trinity St.
*2	Clerk,	JOHN P. MOORE,	D	227 Pope St.
*3	Inspector,	ERNEST H. BOUCHER,	R	87 Reynolds St.
*4	"	GEORGE H. GOULET,	D	35 Linden St.
5	"	EDWARD F. HARPS,	R	30 Collins St.
*6	"	JAMES S. McGRATH,	D	100 Clark St.

WARD 2, PRECINCT 6

*1	Warden,	JAMES H. BAMFORD,	R	90 Merrimac St.
*2	Clerk,	JOHN N. O'BRIEN,	D	101 Robeson St.
*3	Inspector,	ALBERT BARBER,	R	26 Collins St.
*4	"	TIMOTHY J. DORGAN,	D	5 Tilton St.
*5	"	EMILE C. BELLENOIT,	R	111 Mt. Vernon St.
6	"	ALBERT M. TAYLOR,	D	27 Robeson St.

Deputies

*1	Warden,	STEPHEN B. ARNOLD,	R	525 Cottage St.
*2	Clerk,	JOSEPH P. REILLY,	D	9 Richmond St.
*3	Inspector,	JOHN P. O'HARA,	R	25 Richmond St.
*4	"	EDWARD J. BELLENOIT	D	111 Mt. Pleasant St.
*5	"	THOMAS W. RAMSDEN,	R	682 Cottage St.
6	"	Vacancy,	D	

WARD 3, PRECINCT 7

*1	Warden,	ANDREW P. KIRBY,	D	1046 Purchase St.
*2	Clerk,	HORACE WOOD,	R	85 Mill St.
*3	Inspector,	WILLIAM T. DAVIS,	D	63 Hillman St.
*4	"	ARTHUR B. CASE	R	873 Pleasant St.
*5	"	ALVIN H. PAINE,	D	55 Hill St.
*6	"	JOSEPH L. FORRESTER,	R	1174 Purchase St.

Deputies

*1	Warden,	JOSEPH C. DESMOND,	D	117 Hillman St.
*2	Clerk,	FREDERICK W. BESSE,	R	1101 Pleasant St.
*3	Inspector,	ROBERT E. EDWARDS,	D	171 Kempton St.
*4	"	PHILIP S. COLYAR,	R	830 Pleasant St.
*5	"	HARRY BURKE,	D	178 Cedar St.
6	"	EDWARD J. GILDEA,	R	338 Purchase St.

WARD 3, PRECINCT 8

1	Warden,	MARTIN H. SULLIVAN,	D	78 North St.
*2	Clerk,	JOSEPH C. FORBES,	R	299 Chancery St.
*3	Inspector,	ALBERT J. BARNEY, JR.,	D	241 Summer St.
*4	"	PHILIP R. KING,	R	95 Willis St.
*5	"	ALBERT C. WELCH,	D	69 Sycamore St.
*6	"	GEORGE A. GARDNER,	R	131 Chestnut St.

Deputies

1	Warden,	JAMES A. REED,	D	61 Chestnut St.
*2	Clerk,	WILLIAM T. DAVIS,	R	4 Smith St.
*3	Inspector,	CHARLES A. GALLIGAN,	D	36 Pearl St.
*4	"	CORNELIUS B. PIPER,	R	1299 Purchase St.
*5	"	EDWARD L. BRAWLEY,	D	215 Maxfield St.
*6	"	ABNER P. POPE,	R	63 Thomas St.

WARD 3, PRECINCT 9

*1	Warden,	SAMUEL E. GABRIEL,	R	463 Cottage St.
*2	Clerk,	DANIEL J. SULLIVAN,	D	100 Hillman St.
*3	Inspector,	GEORGE E. NYE,	R	43 Hill St.
*4	"	EDWARD F. RILEY,	D	21 Shawmut Ave.
*5	"	WILLIAM YORK,	R	123 Cedar St.
*6	"	JAMES J. FINN,	D	161 North St.

Deputies

*1	Warden,	ANDERSON H. SWIFT,	R	98 Campbell St.
*2	Clerk,	JOHN H. RYAN, JR.,	D	162 Campbell St.
*3	Inspector,	ARTHUR C. KIRBY,	R	123 Sycamore St.
*4	"	DAVID E. FRAWLEY,	D	115 Cedar St.
*5	"	ANTHONY LOFTUS,	R	859 Rockdale Ave.
*6	"	WM. H. RICHARDSON,	D	281 Park St.

WARD 4, PRECINCT 10

*1	Warden,	EDWARD B. GRAY,	D	450 Union St.
*2	Clerk,	CLARENCE A. BATES,	R	494 County St.
*3	Inspector,	HENRY C. GRAY,	D	288 Palmer St.
*4	"	CHESTER E. DAVIS,	R	165 Middle St.
*5	"	CLARENCE E. ROCKEFELLER,	D	173 Park St.
*6	"	FRANK B. HITCH,	R	105 Elm St.

Deputies

*1	Warden,	JOHN T. CANTWELL,	D	91 Pierce St.
*2	Clerk,	SETH W. GODFREY,	R	429 Union St.
*3	Inspector,	JOHN F. ANDREWS,	D	83 Morgan St.
*4	"	JOSHUA B. JOHNSON	R	585 Elm St.
*5	"	PERLEY B. COATES,	D	59 Mechanics St.
*6	"	WILLIAM A. COE	R	71 Mechanics St.

WARD 4, PRECINCT 11

*1	Warden,	HENRY A. GRAY,	D	288 Palmer St.
*2	Clerk,	WILLIAM S. BRADFORD,	R	3 Lincoln St.
*3	Inspector,	JAMES F. HARRISON,	D	326 Middle St.
*4	"	FREDERICK D. BARROWS,	R	486 County St.
*5	"	SOUTHWARD P. NEGUS,	D	38 Ocean St.
*6	"	WILLIAM E. CARROLL,	R	568 Kempton St.

Deputies

*1	Warden,	JOHN G. PURRINGTON,	D	147 Arnold St.
*2	Clerk,	CHARLES E. CARROLL,	R	247 Middle St.
*3	Inspector,	PETER J. RILEY,	D	53 Morgan St.
*4	"	HENRY HARLOW,	R	417 Union St.
*5	"	WILLIAM L. FITZGERALD,	D	240 Middle St.
*6	"	LYNTON M. BUFFINTON,	R	418 Union St.

WARD 4, PRECINCT 12

*1	Warden,	OBED S. COWING,	D	559 Kempton St.
*2	Clerk,	AMOS W. HADLEY,	R	77 Clinton St.
*3	Inspector,	JOHN F. McGRAVY,	D	475 Kempton St.
*4	"	FREDERICK B. COOK,	R	253 Arnold St.
*5	"	ANDREW TATE,	D	399 W. Elm St.
*6	"	ALBERT H. VARNUM,	R	17 Hussey St.

Deputies

1	Warden,	FRANK E. GILLETT,	D	286 Mill St.
*2	Clerk,	IRVING S. ALLEN,	R	88 Newton St.
3	Inspector,	HERBERT A. HATHAWAY,	D	85 Park St.
*4	"	WALTER RAWCLIFFE,	R	32 Lindsey St.
*5	"	STEPHEN D. PIERCE,	D	85 Chancery St.
*6	"	DAVID M. PIPER,	R	49 Florence St.

WARD 5, PRECINCT 13

*1	Warden,	GEORGE P. RICHARDSON,	D	52 Russell St.
*2	Clerk,	FRANK WHITTAKER,	R	69 Forrest St.
*3	Inspector,	MANUEL G. CRUZ,	D	161 Acushnet Ave.
*4	"	CLIFTON F. ASHLEY,	R	42 So. Sixth St.
*5	"	ROBERT J. CURRY,	D	69 South St.
*6	"	GEORGE F. CURRY,	R	19 Columbia St.

Deputies

*1	Warden,	WM. L. SLOCUM, JR.,	D	106 So. Second St.
*2	Clerk,	HARRY L. BURNS,	R	439 Purchase St.
3	Inspector,	JOHN M. FAGAN,	D	242 Purchase St.
*4	"	JOHN A. MacKAY,	R	16 Bedford St.
*5	"	WILLIAM C. DeMELLO,	D	211 Acushnet Ave.
*6	"	GEO. W. PECKHAM, JR.,	R	92 So. Second St.

WARD 5, PRECINCT 14

*1	Warden,	PHILIP S. BRIGGS,	D	173 Acushnet Ave.
*2	Clerk,	CHARLES A. SHERMAN,	R	28 Borden St.
3	Inspector,	JOHN F. LAWLOR,	D	77 Fifth St.
*4	"	E. PHILIP BERTHIAUMER		23 Fair St.
*5	"	JOHN E. JOSEPH,	D	97 So. Sixth St.
*6	"	FRANCIS L. TUTTLE,	R	3 1-2 Green St.

Deputies

*1	Warden,	HENRY D. BACKUS,	D	138 Carroll St.
*2	Clerk,	JOHN H. BURKE,	R	153 Acushnet Ave.
*3	Inspector,	EDWARD W. GALLIGAN,	D	283 Hawthorn St.
*4	"	WANTON H. S. BEAUVAIS,	R	263 Pleasant St.
5	"	THEODORE B. BAYLIES,	D	86 Bedford St.
*6	"	ANTONE H. SENNA,	R	173 Allen St.

WARD 5, PRECINCT 15

*1	Warden,	JOHN E. EMERY,	R	99 Bedford St.
*2	Clerk,	CLIFTON P. TUELL,	D	341 So. Orchard St.
*3	Inspector,	HENRY S. SWAIN,	R	69 Maple St.
*4	"	JOSEPH H. SCHOFIELD,	D	97 Dartmouth St.
*5	"	CHARLES A. BENNETT,	R	183 Washington St.
*6	"	HERBERT W. BLISS,	D	72 Rotch St.

Deputies

*1	Warden,	SAMUEL MORRIS,	R	60 Bay St.
*2	Clerk,	NORMAN BARSTOW,	D	326 Clinton St.
3	Inspector,	MURRAY F. BARROWS,	R	215 Hawthorn St.
*4	"	ARTHUR J. CUNNINGHAM,	D	33 Plymouth St.
*5	"	WALTER B. NELSON,	R	10 Borden St.
*6	"	LUTHER M. DAYTON,	2d D	22 Bay St.

WARD 6, PRECINCT 16

*1	Warden,	PERCY LEES,	R	13 Salisbury St.
*2	Clerk,	JOHN J. McAVOY,	D	25 Welcome St.
*3	Inspector,	PHILIP E. FOGARTY,	R	22 Hall St.
*4	"	PATRICK J. COYNE,	D	17 Stapleton St.
*5	"	FRED LEES,	R	44 Winsor St.
*6	"	JAMES KINCAID,	D	4 Welcome St.

Deputies

*1	Warden,	ELI HIGGINBOTTOM,	R	156 Brock Ave.
*2	Clerk,	PATRICK F. GARRITY,	D	877 So. Water St.
*3	Inspector,	FRED J. BENTLEY,	R	69 County St.
*4	"	JOHN L. MULCAIRNS,	D	46 Delano St.
*5	"	HENRY MAKIN,	R	28 Rockland St.
*6	"	WILLIAM A. ADAMS,	D	166 Clara St.

WARD 6, PRECINCT 17

*1	Warden,	OWEN J. DOWD,	D	1039 So. Water St.
*2	Clerk,	GILBERT G. SOUTHWORTH,	R	151 David St.
*3	Inspector,	DANIEL A. McAVOY,	D	48 Rockland St.
*4	"	J. ARTHUR BALTHAZAR	R	592 So. First St.
*5	"	JAMES V. RONAN,	D	29 Mosher St.
*6	"	JOHN A. HYDE,	R	156 Brock Ave.

Deputies

*1	Warden,	JOHN R. WALDRON,	D	94 Nelson St.
*2	Clerk,	EDWARD DeMELLO	R	93 Sidney St.
*3	Inspector,	JOHN McGLADDERY,	D	19 Nelson St.
*4	"	GREENWOOD PENDLEBURY,	R	109 Division St.
*5	"	JAMES P. MARTIN,	D	86 Brock Ave.
*6	"	GEORGE W. NOYER,	R	77 County St.

WARD 6, PRECINCT 18

*1	Warden,	MARSHALL S. GREENE,	R	233 Rivet St.
*2	Clerk,	DENNIS F. SHUGRUE,	D	33 Delano St.
*3	Inspector,	HORACE R. COUPE,	R	1 Warwick St.
*4	"	JOSEPH A. McAVOY,	D	25 Welcome St.
*5	"	ROBERT HALL,	R	24 Winsor St.
*6	"	WILLIAM W. NELSON	D	46 Oak St.

Deputies

*1	Warden,	ERNEST A. ROTHERA,	R	25 Viall St.
2	Clerk,	WALTER WALDRON,	D	16 Briggs St.
*3	Inspector,	FREDERICK J. FRANCIS	R	63 Briggs St.
*4	"	MATTHEW QUINLAN,	D	877 So. Water St.
*5	"	MICHAEL QUINN,	R	103 Rockland St.
*6	"	HENRY W. RAYMOND,	D	163 Bonney St.

WARD LINES.

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

April 12, 1906.

Ordered, That in conformity with the REVISED LAWS OF MASSACHUSETTS, and under authority of Section 14 of Chapter 423 of the Acts of the Legislature in the year 1904, the several wards of the city, until the first day of May, 1915, and until otherwise ordered, be and they are hereby divided and established according to the following described lines, said division and designation to take effect, for the purposes described in Section 164, Chapter 11, Revised Laws, on January 1, 1907.

Ward One. All that portion of the city lying north and east of a line beginning at the river and drawn westerly through the center of Linden street to the center of Pleasant street, thence northerly through the center of Pleasant street to the center of Weld street, thence westerly through the center of Weld street to the center of County street, thence northerly through the center of County street to the westerly line of location of the Old Colony Railroad, thence northerly and westerly by the westerly line of location of the Old Colony Railroad and the southerly line of location of the Fall River Branch Railroad to the west line of the city, will constitute Ward One.

Ward Two. All that portion of the city lying between a line drawn from the river westerly through the center of Linden street to the center of Pleasant street, thence northerly through the center of Pleasant street to the center of Weld street, thence westerly through the center of Weld street to the center of County street, thence northerly through the center of County street to the westerly line of location of the Old Colony Railroad, thence northerly and westerly by the westerly line of location of the Old Colony Railroad and the southerly line of location of the Fall River Branch Railroad to the west line of the city, and a line drawn from the river through the center of Pope street westerly to the center of Cottage street, thence southerly through the center of Cottage street to the center of Parker street, thence westerly through the center of Parker street to the west line of the city, will constitute Ward Two.

Ward Three. All that portion of the city lying between a line drawn from the river westerly through the center of Pope street to the center of Cottage street, thence southerly through the center of Cottage street to the center of Parker street, thence westerly through the center of Parker street to the west line of the city, and a line drawn from the river westerly through the center of Kempton street to the center of Summer street, thence northerly through the center of Summer street to the center of Mill street, thence westerly through the center of Mill street to the center of Kempton street, thence westerly through the center of Kempton street to the west line of the city, will constitute Ward Three.

Ward Four. All that portion of the city lying between a line drawn from the river westerly through the center of Kempton street to the center of Summer street, thence northerly through the center

of Summer street to the center of Mill street, thence westerly through the center of Mill street to the center of Kempton street, thence westerly through the center of Kempton street to the west line of the city, and a line drawn from the river westerly through the center of School street to the center of County street, thence southerly through the center of County street to the center of Clinton street, thence westerly through the center of Clinton street to the center of Park street, thence northerly through the center of Park street to the center of Arnold street, thence westerly through the center of Arnold street to the west line of the city, including Fish Island and Pope's Island, will constitute Ward Four.

Ward Five. All that portion of the city lying between a line drawn from the river westerly through the center of School street to the center of County street, thence southerly through the center of County street to the center of Clinton street, thence westerly through the center of Clinton street to the center of Park street, thence northerly through the center of Park street to the center of Arnold street, thence westerly through the center of Arnold street to the west line of the city, and a line drawn from the river westerly through the center of South street to the center of County street, thence southerly through the center of County street to the center of Fair street, thence westerly through the center of Fair street to the center of Bonney street, thence southerly through the center of Bonney street to the center of Rockland street, thence westerly through the center of Rockland street to the center of Dartmouth street, thence northerly through the center of Dartmouth street to the center of Oak street, thence westerly through the center of Oak street to the center of Grape street, thence westerly through the center of Grape street to the center of Rockdale avenue, thence northerly through the center of Rockdale avenue to the center of Allen street, thence westerly through the center of Allen street to the west line of the city, will constitute Ward Five.

Ward Six. All that portion of the city lying south of a line drawn from the river westerly through the center of South street to the center of County street, thence southerly through the center of County street to the center of Fair street, thence westerly through the center of Fair street to the center of Bonney street, thence southerly through the center of Bonney street to the center of Rockland street, thence westerly through the center of Rockland street to the center of Dartmouth street, thence northerly through the center of Dartmouth street to the center of Oak street, thence westerly through the center of Oak street to the center of Grape street, thence westerly through the center of Grape street to the center of Rockdale avenue, thence northerly through the center of Rockdale avenue to the center of Allen street, thence westerly through the center of Allen street to the west line of the city, including Palmer's Island, will constitute Ward Six.

Adopted in concurrence.

Presented to and approved by the Mayor, April 13, 1906.

A true copy, attest:

W. H. B. REMINGTON,
City Clerk.

VOTING PRECINCTS.

CITY OF NEW BEDFORD,
Established by orders of the BOARD OF ALDERMEN,
Adopted June 28, 1906 and Feb. 8, 1912.

IN WARD ONE.

- Precinct A** All that part of Ward One lying north of a line beginning at a point in the channel of the Acushnet River, formed by the extension of the centre line of Hadley street; thence westerly in said extended line and in the centre line of Hadley street to the westerly line Acushnet avenue; thence westerly in an extension of said center line of Hadley street to the center line of Irvington street at its intersection with the westerly line of a southerly extension of Brooklawn Park, thence westerly in the centre line of Irvington street to the westerly line of location of the Old Colony Railroad, thence northwesterly in a straight line to the junction of Mt. Pleasant street and King's Highway; thence westerly in a straight line to the junction of Shawmut avenue and a way; thence continuing westerly in the same straight line to the boundary line between the town of Dartmouth and the City of New Bedford, shall be known and called Precinct "A."
- Precinct B** All that part of said Ward lying south of the above described line and north of a line beginning at a point in the channel of the Acushnet River, formed by the extension of the centre line of Manomet street, thence westerly in said extended line and in the centre line of Manomet street to the centre line of Riverside avenue, thence northerly in the center line of Riverside avenue to the centre line of Hathaway street, thence westerly in the centre line of Hathaway street to the centre line of Belleville avenue, thence southerly in the centre line of Belleville avenue to the centre line of Earle street, thence westerly in the centre line of Earle street to the westerly line of location of the Old Colony Railroad, thence southwesterly in a straight line to the intersection of the westerly line of Purchase street with the southerly line of location of the Fall River branch of the Old Colony R. R.; thence westerly by said southerly line of location to the boundary line between the town of Dartmouth and the city of New Bedford, shall be known and called Precinct "B."
- Precinct 1** All that part of said ward lying south of the above described line and north of a line beginning at a point in the channel of the Acushnet River formed by the extension of the center line of Deane street, thence westerly in said extended line and in the centre line of Dean street to the westerly line of location of the Fall River Branch of the Old Colony Railroad, thence northwesterly by said westerly line of location to its intersection with the westerly line of Purchase street, shall be known and called Precinct "ONE."
- Precinct 2** All that part of said ward lying south of the above described line and the southerly line of precinct B, and north of a line beginning at a point in the channel of the Acushnet River formed by the extension of the centre line of Coggeshall street, thence westerly in said extended line and in the centre of Coggeshall street

to the centre line of County street, thence northerly in the centre line of County street., to the westerly side line of location of the Old Colony Railroad, and thence in said westerly side line of location to its intersection with the southerly line of Precinct One, shall be known and called Precinct "TWO."

All that part of said ward lying south of the last described line of Coggeshall street to County street shall be known and called Precinct "THREE." Precinct 3

IN WARD TWO.

All that part of said ward lying east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Four; beginning at the intersection of the center line of Pope street with the center line of County street; thence northerly through the center of County street. Precinct 4

All that part of said ward lying west of the last described line in County street and east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Five; beginning at the intersection of the center line of Pope street with the center line of Cottage street; thence northerly through the center of Cottage street and of Mt. Pleasant street to the southerly line of location of the Fall River branch of the Old Colony R. R. Precinct 5

All that part of said ward lying west of the last described line in Cottage street and Mt. Pleasant street shall be and is hereby made a voting precinct to be known as Precinct Number Six. Precinct 6

IN WARD THREE.

All that part of said ward lying east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Seven; beginning at the intersection of the center line of Kempton street with the center line of Hill street; thence northerly through the center line of Hill street to the center line of Hillman street; thence easterly through the center line of Hillman street to the center of State street; thence northerly through the center of State street to the center of Willis street; thence easterly through the center of Willis street to the center of State street; thence northerly through the center of State street and through extension of the same to the center of Pope street. Precinct 7

All that part of said ward lying west of the last described line through Hill street and State street and east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Eight; beginning at the intersection of the center line of Mill street with the center line of Cottage street; thence northerly through the center of Cottage street to the center of Pope street. Precinct 8

All that part of said ward lying west of the last described line through Cottage street shall be and is hereby made a voting precinct to be known as Precinct Number Nine. Precinct 9

IN WARD FOUR.

All that part of said ward lying east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Ten; beginning at the intersection of the center line of School street with the center line of County street; thence northerly through the center of County street to the center of Kempton street. Precinct 10

Precinct 11 All that part of said ward lying west of the last described line through County street and east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Eleven; beginning at the intersection of the center line of Clinton street with the center line of Chancery street; thence northerly through the center of Chancery street to the center of Mill street.

Precinct 12 All that part of said ward lying west of the last described line through Chancery street shall be and is hereby made a voting precinct to be known as Precinct Number Twelve.

IN WARD FIVE.

Precinct 13 All that part of said ward lying east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Thirteen; beginning at the intersection of the center line of South street with the center line of Fourth street; thence northerly through the center of Fourth street to the center of Grinnell street; thence westerly through the center of Grinnell street to the center of Fifth street; thence northerly through the center of Fifth street to the center of School street.

Precinct 14 All that part of said ward lying west of the last described line through Fourth street and Fifth street and east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Fourteen; beginning at the intersection of the center line of Rockland street with the center line of Orchard street; thence northerly through the center line of Orchard street to the center line of Clinton street.

Precinct 15 All that part of said ward lying west of the last described line in Orchard street shall be and is hereby made a voting precinct to be known as Precinct Number Fifteen.

IN WARD SIX.

Precinct 16 All that part of said ward lying south and east of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Sixteen; beginning at the intersection of the center line of an extension of the center line of Gifford street and the channel of the Acushnet River; thence westerly in said extension and in the center of Gifford street to the center of Water street; thence northerly through the center of Water street to the center of Division street; thence westerly through the center of Division street to the center of County street; thence southerly through the center of County street to Clark's Cove.

Precinct 17 All that part of said ward lying north and west of the last described line in Gifford street, Division street and County street and east and south of the following described line shall be and is hereby made a voting precinct to be known as Precinct Number Seventeen; beginning at the intersection of the center line of County street with the center line of Fair street; thence southerly through the center of County street to the center of Independent street; thence through the center of Independent street to the center of Crapo street; thence southerly through the center of Crapo street to Clark's Cove.

All that part of said ward lying west and north of the last Precinct 18 described line in County street, Independent street and Crapo street shall be and is hereby made a voting precinct to be known as Precinct Number Eighteen.

Said precinct shall also include all the territory described in Chapter 256 of the Acts of the Legislature of 1911, being territory formerly lying in the town of Dartmouth, the same being made in said act a part of Ward Six in the said city of New Bedford, viz.:—

“SECTION 1. There is hereby set off from the town of Dartmouth and annexed to and made a part of the city of New Bedford a certain tract of land with its inhabitants and all estates therein, comprising eighteen acres, more or less, of upland and marsh thus bounded and described, to wit.:—Beginning at the point of intersection of the south line of Cove road in said New Bedford and the east line of contemplated Taylor street so-called in said Dartmouth; thence running in the south line of Cove road, or the existing boundary line between said city and said town, north fifty-eight degrees thirty-seven minutes thirty seconds east, or whatever the course may be, six hundred three and forty-nine one-hundredths feet to an angle in said road; thence still in said boundary line north eighty-one degrees three minutes east, or whatever the course may be, two hundred sixty-five feet more or less to Clark's cove, and thence continuing in said existing boundary line into and through the waters of Clark's cove to the existing boundary line of tide waters between said town and said city. Then starting again at the point of beginning and running in the easterly line of said Taylor street south two degrees thirty-six minutes west nine hundred seventy-four and eighty-seven one-hundredths feet to the northerly line of a proposed continuation eastwardly of contemplated Rogers street to be extended in its present course and direction in said Dartmouth; thence south eighty-seven degrees eight minutes east in the proposed continuation of the northerly line of said contemplated Rogers street two hundred thirty-two feet to Clark's cove, and thence continuing in the same course into and through the waters of Clark's cove to the existing boundary line of tide waters between the said town and said city as established by the Board of Harbor and Land Commissioners; and thence in said boundary line of tide waters northwardly to its intersection with the easterly end of the boundary line first above described.”

SEVENTEENTH
INAUGURAL ADDRESS
OF THE
Hon. Charles S. Ashley
MAYOR OF NEW BEDFORD
MASSACHUSETTS
AT THE
INAUGURATION OF THE CITY GOVERNMENT
JANUARY FIFTH
NINETEEN HUNDRED AND FOURTEEN

NEW BEDFORD, MASS.:
E. ANTHONY & SONS, INCORP., PRINTERS
1914

SEVENTEENTH INAUGURAL ADDRESS

OF THE

HON. CHARLES S. ASHLEY

Gentlemen of the City Council:

We take up our duties today under the operation of a law enacted last year, but in effect only since the first day of the present month. The Legislature has at last framed a straightforward plan of municipal business management, and abolished hindering limitations, which were serving no useful purpose whatsoever. A worthy act has taken the place of one long ago made prominent because of its lack of merit. It will open the way for greater public enlightenment, and terminate a faulty system of long standing.

I have at other times expressed regret that we were bound to a legalized practice full of defects, misleading and inconsistent, the glaring quality of which had provoked no small degree of popular criticism. Today I see in the new financial measure the certain prospect of change and enduring improvement. The enactment will have greater force in this City by reason of our excellent ordinances, which have received in many quarters hearty praise and warm commendation. The confusion surrounding a seemingly involved subject is soon to be permanently dispelled.

I am glad to have contributed time and effort in bringing this legislation upon the statute books. Convinced by experience of its necessity, I have said and written much in expression of the views I entertain. My comment has been at extended length in inaugurals, and I have in recent years seen the discontent of the people making its sure impress upon the lawmakers at the State House. There was full cause for my prediction that a change in conditions was reasonably near at hand.

I am therefore conscious of personal satisfaction in viewing a new order of things founded on an improved basis, rational and sound.

The procedure we are to follow demands early acquaintance with precise facts and real conditions. Each step to be taken in the appropriation of the public money, is to be with full knowledge and complete information.

The current-expense purpose account of the City must be met from the receipts of directly assessed taxation of the year nineteen hundred and fourteen, for which no arbitrary limiting figure has been established.

The cost, whether more or less, is to be borne in no part by the bonded debt division, as was before not only permitted but made imperative. The whole sum, whatever its amount, is to be a twelve month liability and is to be provided for accordingly.

The influence upon the tax rate of a given gross running expense disbursement, can be determined by exact present calculation. To ascertain it, you have but to know the aggregate of the sums to be applied to the other legal obligations of the City; and to take note of the municipal valuation. When possessed of this information, your inquiry becomes directed to prospective expenditures from a source other than the corporation tax income and mis-

cellaneous receipts. In other words, the definite municipal purpose outlay.

A portion of this was, by the custom of other days, defrayed from the proceeds of successive bond issues, a practice not now necessary and impossible of repetition. When employed it postponed the liquidation of present debt, encouraged its extension, and worked an apparent limitation of the rate; while as a matter of fact the tax-payer was all the while bearing the burden of paying for many things strictly temporary in character.

Until today there has been no method for terminating this injustice.

From now on, there can be no bonding but for specific permanent improvements. These will appear rightfully designated in the tabulation.

Present expense and future cost will have place, each in its own department. I characterize this end, which I have labored industriously to bring about, as a most desirable and welcome innovation.

The valuation, formerly much less in millions than the population in thousands, has now reached over one hundred millions, by great advances in each of the later years. Worth has accrued to properties which at first created civic expense, for the extinguishment of which at the time, there was no proportionate contribution.

Such further enhancement as there may be this year is unfortunately offset by the shrinkage in corporation tax values.

A loss to the City of one hundred and twenty-five thousand dollars in this direction, is equivalent to the sum which could have been netted from the taxation of new property worth six million dollars. It should be kept in mind that each one hundred thousand dollars expended

represents approximately one dollar per thousand in taxation, to raise which requires assessment upon property of five million dollars in value.

Increasing State and County taxes make growing demands upon us, which are not accompanied by any noticeable, compensating, income-producing benefits or advantages.

The municipal purpose appropriation will occasion an assessment greater by two dollars per thousand than was made in 1913. You will soon have before you the annual budget, which I am required within the next sixty days to submit. It will be itemized and in detail and will clearly specify the amount to be expended for each particular purpose.

The City Council can reduce or reject any item, but it is not permitted to make increases except with the approval of the Mayor. The gross sum indicated by the budget will show the limit to which your appropriating ability should in all propriety be carried. It will represent my exercise of the authority conferred by law, and will be a fair statement based upon furnished estimates, which will have been reduced wherever possible. This duty seems to be a logical one to be imposed upon the Mayor, which I am glad to assume without any disposition to shirk the supervision and responsibility.

The maintenance of the departments on substantially the present scale will entail a *whole* tax rate of twenty-four and a fraction dollars. To make them *greater* allotments, would produce a further advance in rate, its size being readily ascertained by simple computation. There

must be immediate provision for settlement, all deferred payment plans having no longer any features apart from public permanent improvements.

The people should know the full scope of this regulation, and we can well unite in giving wide currency to the information. When once it is thoroughly understood it will have general endorsement and hearty approval.

There are two bond issue propositions, outside the debt limit, already sanctioned and remaining only to be carried into effect,—the Purchase Street widening and the so-called intercepting sewer.

In the first instance it should be remembered that fifty per cent of five hundred thousand dollars will be repaid into the City Treasury within two years, which sum as a betterment receipt, under the established policy should be devoted towards retiring outstanding debt.

There are no projects requiring legislative financial enabling action. The major part of the great public works imposed upon us by necessity are now installed, contributing largely to the existing enhancement of general property values.

It will be to the great satisfaction of all if the future resources of the City, with uniform expansion and steady growth, keep in harmony with the numerous requirements, thus relieving us from recourse to the Great and General Court.

Necessary permanent improvements throughout the year can be procured without debt increase over the pres-

ent amount since the cost of the same can be limited to practically the total of the retirements soon to be made. That is to say, the debt within the limit can remain substantially unchanged.

The policy of the earlier city governments in applying bequeathed trust funds to secure needed public works, and then committing the citizens to annual payments of six per cent. interest, has never met the approval of later generations. It is far better to preserve the trust capital intact, for which a ways and means law has been enacted.

Restoration is to be made by a fifteen year payment plan devised to correct the situation wherever occurring within the Commonwealth.

I have purposely omitted reference to several undertakings which have engaged the government's attention and which remain unprovided for. They will be brought up again, and deserve consideration with a view of action when favorable opportunity presents.

Police Station and Fire Headquarters arrangements press for provision, which up to date has not been forthcoming. A suitable substitute for the Central Fire Station could seemingly be provided at a comparatively small figure in view of the satisfactory sale that could be made of the present property in the near future.

The City should hold the ownership of the land west of the Oak Grove Cemetery to the line of a projected north and south street.

It would thus be possible to prevent its future occupation by structures of a kind detrimental to the beauty of the cemetery itself, and halting further embellishments.

I am informed that it can be obtained for a very moderate price.

The land at Bolton and Rivet Streets which has been utilized for general recreation purposes, with the consent of the owners, may soon go into the market and not longer be possible of acquirement by the City at a very reasonable price. As a part of the park system it would promote the enjoyment of a large number of the people.

I recommend that the purchase of these properties be taken under your advisement.

Various matters will be brought before the Legislature and urged for passage into law, concerning which the attitude of New Bedford should be expressed and recorded. Some of these may doubtless find favor in your minds, and if so it is desirable that your views come to the knowledge of the appropriate committees.

It is equally certain that some propositions will appear to be obnoxious from every standpoint. Already several suggestions have been made which offend all ideas of safe, consistent administration, and deserve aggressive opposition. Endeavors that make for removal from the people's control of departments, essentially important, should be met with logical objection and emphatic disapproval.

I recommend the designation of committees to dis-
close at the State House the action you shall take for or against pending bills when those which would concern us shall be up for consideration.

There is great necessity for the better protection of the City in the matter of land development schemes.

Promoters are in the habit of making subdivisions in large tracts of realty with street layouts in conflict with

already constructed ways. This causes much eventual expense when extensions become necessary to be made.

It is understood that there will be action taken by the officials of several cities to secure a bill requiring previous approval of all plans by competent municipal authority before conveyances are made, bounded on contemplated streets. Either a general or a special law would correct the situation and it is my belief that an effective measure, which we should help to secure, will be obtained at the present session of the Legislature.

There is no reason to expect that your general problems will prove simpler in nature because of the absence of new constructive projects.

The time will be engaged by matters not essentially different from those constituting the routine of other years.

You will have to deal with affairs which press for careful consideration, and to which studious attention is to be devoted.

The people have a right to expect that our application and industry will be equal to the demands imposed upon us.

I have every confidence that our accomplishments will meet the approved standard, and our administration bear evidence of our determination to act to the best of the ability with which we have been endowed.

ANNUAL REPORT

OF THE

Committee on Bath Houses

To the City Council

For the Year 1913.

NEW BEDFORD, MASS.,
THE A. E. COFFIN PRESS, PRINTERS,
1914.

CITY OF NEW BEDFORD.

IN COMMITTEE.

December 31, 1913.

To the City Council :

GENTLEMEN:—The Committee on Bath Houses herewith submits its annual report for the season of 1913.

The bath houses were opened for business Monday, June 23, 1913 and closed Sunday, September 21, 1913, remaining open a period of thirteen and one-half weeks.

The estimated number of bathers and weekly receipts are shown in the following reports of the Superintendent :

Week ending	No. of Bathers	Receipts
June 29,	3,088	\$ 36.19
July 6,	8,214	125.79
July 13,	4,510	60.36
July 20,	4,376	59.05
July 27,	4,932	60.57
August 3,	5,862	92.20
August 10,	4,905	67.15
August 17,	3,393	49.41
August 24,	2,490	26.61
August 31,	2,106	20.57
September 7,	2,376	19.02
September 14,	453	2.16
September 21,	189	.00
	<hr/> 46,844	<hr/> \$619.08

The houses, during the season, were in charge of the following employees :

Superintendent, ALFRED F. BENOIT.

Assistants, FRANCIS J. KENNEDY,
WILLIAM A. ADAMS.

Lady Assistant, MRS. HANNAH OGDEN.

A financial statement is herewith presented.

APPROPRIATIONS,	\$1,600.00	
	700.00	
	262.32	
	<hr/>	\$2,562.32

EXPENDITURES,		
Payrolls, attendants,	\$890.33	
Advertising,	32.03	
Land rent,	400.00	
Laundry,	543.17	
Lighting,	11.94	
Supplies,	429.79	
Water,	22.72	
Stock, labor and fitting,	193.84	
Carting,	8.50	
Insurance,	30.00	
	<hr/>	\$2,562.32

For the Committee,

WILLIAM K. LEES,
Chairman.

Annual Report

OF THE

Superintendent of Public Buildings

ALSO

Inspector of Buildings

OF THE

CITY OF NEW BEDFORD, MASS.

For the Year 1913.



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, PRINTERS.
1914.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 26, 1914.

Received. Ordered printed in the City Documents
and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

February 26, 1914.

Concurred.

CHARLES P. SAWYER,
Clerk.

REPORT

OF THE

Superintendent of Public Buildings

OFFICE OF SUPERINTENDENT OF PUBLIC BUILDINGS,

NEW BEDFORD, MASS., Dec. 31, 1913.

To his honor the Mayor and the City Council:

Gentlemen:— I have the honor to submit this report on the condition of public buildings under construction Dec. 31, 1912, also the work performed under my supervision up to and including Dec. 31, 1913.

NEW KATHERINE STREET SCHOOL.

The progress of the work at this building has arrived at that stage where the inside finish is now nearly completed, and the entire contract will be completed and the building ready to be accepted from the contractors on or before the first day of February, 1914.

The delay in not finishing this building in the time specified in the contract was caused by the contractor being unable to procure the structural steel during the early summer. A ten weeks extension of time for finishing this building was granted the contractor by the City Council on account of this unavoidable delay.

In the month of September the City Council appropriated five thousand (\$5,000.00) dollars and awarded a contract for filling and rough grading this schoolhouse lot. This contract is now nearly completed.

A detailed account of this building was given in my report for 1912.

SEWAGE PUMPING STATION.

This building located on the shore at the intersection of Cove road and Margin street (and which is a part of the intercepting sewer system) was erected under the supervision of this department. The contract was completed and accepted by the City, March 15, 1913.

The total cost of this station including substructure or sewage chamber was \$14,150.00.

BUILDINGS AT BROOKLAWN PARK.

During the fall months bids were obtained and contract awarded for the erection of a new shelter house, comfort station and alterations to the workshop building located on this park under the supervision of this department.

The shelter house is so planned and arranged that it affords every comfort possible in winter for the skaters, it being located adjoining the large pond and can be used for a comfort station in the summer.

The erection of a modern comfort station was a necessary adjunct to this park system.

These buildings were completed and accepted by the Park Board early in December. The cost of same follows:

Contract for erecting shelter house	\$5,175.75
Contract for comfort station.	2,726.00
Contract for workshop	1,388.00
Total	<hr/> \$9,289.75

HATHAWAY PLAYGROUND.

This tract of land bounded by Union, Court and Tremont streets was donated to the City of New Bedford for playground purposes by Mrs. Ellen R. Hathaway of this city.

Appropriations were made from time to time by our City Council to equip these grounds from plans and specifications prepared by Mr. Arthur G. Rotch, Landscape Architect. Contracts were awarded by the City Property Committee to the lowest bidders in each case.

The cost of equipping these grounds for playground purposes to Dec. 31, 1913, was as follows :

Iron fence enclosing grounds and fence inside grounds (two contracts)	\$1,728.00
Playground apparatus.	1,412.00
Shelter house and wading pool	1,875.00
Covered slide	554.00
Filling and grading lot	442.28
Water service — Drinking fountains, etc.	350.97
Architects fees.	373.50
Total	<hr/> \$6,735.75

DORMITORY FOR MEN AT ALMSHOUSE.

Alterations were made to the building located on the north side of the Almshouse, known as the workshop, for the purpose of men's dormitory to relieve the present crowded condition in the mens quarters at the main building and the overflow at the isolation hospital. Bids were obtained and the contract awarded to the lowest bidder.

The work consisted of raising the roof of the workshop about $7\frac{1}{2}$ feet making the second story 10 feet in the clear, studding up and bracing roof, etc., and installing windows for light to both sides and

ends making a dormitory of approximately 33 x 90 feet with ample toilets located in a room on the same floor, and having two exits, one at each end of the building, by an easy flight of outside stairs. The heating of this building was accomplished by running steam supply and returns from the central heating plant at this property through a brick underground duct to this building. The above scheme met a most necessary condition making additional sleeping quarters for at least fifty men in a well lighted and well heated and ventilated dormitory.

This work was completed and accepted during the month of December.

Contract price for the entire work was-- \$4,124.00

NO. 1 FIRE STATION.

The Committee on Fire Department awarded a contract during the summer for a new heating plant, repairing brick tower, new brick chimney and general repairs to this station from plans and specifications prepared by this department for the sum of \$1,414.00 the lowest bid received.

This work was completed and accepted by the Fire Department Committee, October 22, 1913.

CENTRAL FIRE STATION.

To conform to the widening of Purchase street, our City property Committee directed the Supt. of Public Buildings to prepare plans and specifications for the alteration of this building.

Plans and specifications were prepared for detaching the present front of the building, cutting the building back 23 inches, building new front foundation and replacing front back again on building with the necessary interior alterations and repairs without any change to the architectural design of the building.

Bids were obtained and the contract awarded to the lowest bidder October 9, 1913, for the sum of \$1,793.00. The work was completed and accepted by the City Property Committee Nov. 11, 1913.

This work was performed in such a manner that the fire apparatus was only away from the station for the short period of twenty days.

OFFICE OF SEALER OF WEIGHTS AND MEASURES.

By an order of the Committee on City Property plans and specifications were prepared by this department for alterations to basement of municipal building for purpose of office and workroom for the Sealer of Weights and Measures. Bids were received and the contract awarded to the lowest bidder.

This work was completed and accepted in December the rooms being now occupied by that official.

Contract price for this work was. \$4,199.00

MISCELLANEOUS.

Minor repairs were made to the various city buildings during the year from specifications prepared by this department. An itemized account of this work is shown on another page of this report.

A detailed report of all city building contracts was made to the City Council monthly.

As required by Section 2, Chapter XIII, of the City Ordinances, I hereby submit a detailed report of all repairs to city buildings coming under my supervision during the year of which the cost in each case was in excess of ten dollars:

SCHOOL HOUSES

High School.

Repairs, changes, etc.	\$386.67	
	<hr/>	\$386.67

Harrington School

Ordinary repairs	240.03	
Stock for partition to fit room for special class	38.11	
Painting partition	26.16	
Plumbing for special class	49.09	
Painting outside of building	145.00	
	<hr/>	\$498 39

Parker Street School

Ordinary repairs	92.39	
New electric motor	58.63	
Painting 2 portable buildings	95.00	
	<hr/>	246 02

H. M. Knowlton School

Ordinary repairs	151.63	
	<hr/>	151.63

Middle Street School

Ordinary repairs	86.77	
Painting portable building	47.50	
	<hr/>	134.27

Fifth Street School

Ordinary repairs	92.63	
	<hr/>	92.63

R. C. Ingraham School

Ordinary repairs	278.58	
Repairing vent towers	275.00	
Painting outside	194.00	
	<hr/>	747.58

J. H. Clifford School

Ordinary repairs	207.96	
Painting outside	194.00	
Repairing vent towers	247.00	
	<hr/>	648.96

Thomas Donaghy School

Ordinary repairs	117 67	
Painting 3 portables	145.00	
	<hr/>	262.67

Wm. H. Taylor School		
Ordinary repairs	70.91	
	<hr/>	70.91
James B. Congdon School		
Ordinary repairs	156.41	
	<hr/>	156.41
T. R. Rodman School		
Ordinary repairs	69.15	
Covering parapet wall with copper	585.00	
	<hr/>	654.15
Jireh Swift School		
Ordinary repairs	108.15	
	<hr/>	108.15
Abraham Lincoln School		
Ordinary repairs	261.81	
	<hr/>	261.81
Betsey B. Winslow School		
Ordinary repairs	55.30	
Work on lawn	120.25	
	<hr/>	175.61
Phillips Avenue School		
Ordinary repairs	86.21	
	<hr/>	86.21
Cedar Grove Street School		
Ordinary repairs	66.77	
	<hr/>	66.77
Clark Street School		
Ordinary repairs	110.58	
	<hr/>	110.58
Merrimac Street School		
Ordinary repairs	41.49	
	<hr/>	41.49
Mary B. White School		
Ordinary repairs	24.52	
	<hr/>	24.52
H. A. Kempton School		
Ordinary repairs	121.41	
	<hr/>	121.41
Cedar Street School		
Ordinary repairs	19.25	
Stock for fence	60.20	
Filling and grading yard	76.13	
	<hr/>	155.58
S. A. Howland School		
Ordinary repairs	135.81	
Metal ceilings, 2 rooms	230.00	
	<hr/>	365.81
T. A. Greene School		
Ordinary repairs	111.27	
	<hr/>	111.27

Acushnet Avenue School		
Ordinary repairs	246.72	
Painting portable building	52.10	
	<hr/>	298.82
Thompson Street School		
Ordinary repairs	66.52	
Fitting rooms third floor	18.53	
Painting portable building	47.50	
	<hr/>	132.55
I. W. Benjamin School		
Ordinary repairs	161.40	
Slag roof on deck	194.00	
Painting 3 portables	140.00	
	<hr/>	495.40
Dartmouth Street School		
Ordinary repairs	96.71	
	<hr/>	96.71
George H. Dunbar School		
Ordinary repairs	111.94	
Painting portable building	47.50	
	<hr/>	159.44
Plainville School		
Ordinary repairs	23.62	
Plumbing building	49.62	
Water service	15.43	
	<hr/>	88.67
Rockdale School		
Ordinary repairs	13.98	
	<hr/>	13.98
School Committee Rooms		
Ordinary repairs	38.02	
General account stock used on schools where needed	214.10	
	<hr/>	252.12

MISCELLANEOUS

Municipal Building		
Alterations to basement for Sealer of Weights and Measures	4,199.00	
Elevator repairs	208.12	
Carpenter work	188.14	
Plumbing	108.88	
Mason Work	46.74	
Heating and Ventilating	40.00	
Electrical Work	6.52	
	<hr/>	4,787.30

PARKS.

Brooklawn:

New shelter house	5,175.75
New comfort station	2,726.00
New work shop	1,388.00
Repairs to pavillion	1,271.00
Repairs to other buildings on park	206.72
Water supply to various buildings	283.50

Hazelwood

Repairing Lucas house damaged by fire	569.33
Painting Lucas House	69.38
	<hr/>
	11,689.68

FIRE STATIONS

Station No. 1.

New Boiler and repairs to brickwork	1,414.00	
	<hr/>	1,414.00

Station No. 2

Moving back front	1,793.00	
Changing meter, (N. B. Water Dept.)	5.13	
	<hr/>	1,798.13

Station No. 4.

Repairs to roof	457.75	
	<hr/>	457.75

Station No. 5.

Metal work	129.00	
	<hr/>	129.00

POLICE STATIONS

Central Station

Painting	175.95	
Electrical work	26.82	
	<hr/>	202.77

Willis St. Station

Painting	48.84	
	<hr/>	48.84

Blackmer St. Station

Painting and repairs	219.75	
	<hr/>	219.75

Kempton St. Station

Painting	145.00	
Metal Work	15.05	
	<hr/>	160.05

Police Stable		
Changing entrance	49.71	
Heating repairs	15.00	
	<hr/>	64.71
Bathing Houses		
Carpenter Work	48.80	
	<hr/>	48.80
City Stables		
Plumbing	48.50	
	<hr/>	48.50
Isolation Hospital		
Plumbing	129.09	
Boiler repairs	82.95	
Metal Work	8.25	
	<hr/>	220.29
Wharves		
Carpenter Work	126.08	
	<hr/>	126.08
Ward Room, Kempton St.		
Metal Work	23.25	
	<hr/>	23.25
City Wood Yard		
Carpenter Work	28.96	
	<hr/>	28.96
Sewage Pumping Station — Cove Road.		
Metal work	156.67	
	<hr/>	156.67
Hathaway Playground		
Apparatus	565.00	
Covered slide	554.00	
Wading pool	400.00	
N. B. Water Works	350.97	
Fencing	237.00	
	<hr/>	2,106.97

In compliance with Section 2, Chapter XIII, of the City Ordinances, I herewith submit a statement showing the amount and kind of repairs needed upon the following city buildings, during the fiscal year next succeeding, together with an estimate of the probable cost thereof.

High School		
General repairs	\$300.00	\$300.00
Parker Street School		
General repairs	200.00	200.00
H. M. Knowlton School		
General repairs	200.00	
Metal ceilings in class rooms	300.00	500.00
Middle Street School		
General repairs	200.00	200.00
Fifth Street School		
General Repairs	200.00	200.00
R. C. Ingraham School		
Varnish inside	150.00	
General Repairs	200.00	350.00
J. H. Clifford School		
Varnish inside	150.00	
General repairs	200.00	350.00
Thomas Donaghy School		
Paint outside	150.00	
General repairs	200.00	350.00
Wm. H. Taylor School		
Paint outside	150.00	
General repairs	200.00	350.00
Jas. B. Congdon School		
General repairs	200.00	200.00
Thos. R. Rodman School		
General repairs	200.00	200.00
Jireh Swift School		
Metal ceilings, 4 rooms	600.00	
Paint, walls and corridors	400.00	1,000.00

Abraham Lincoln School		
General repairs	300.00	
	<hr/>	300.00
Phillips Avenue School		
Walks in yard	400.00	
General Repairs	100.00	
	<hr/>	500.00
Cedar Grove Street School		
New gutters	300.00	
	<hr/>	300.00
Clark Street School		
General repairs	200.00	
	<hr/>	200.00
Merrimac Street School		
General repairs	100.00	
	<hr/>	100.00
Mary B. White School		
General repairs	200.00	
	<hr/>	200.00
H. A. Kempton School		
General repairs	200.00	
	<hr/>	200.00
Cedar Street School		
Fence and general repairs	500.00	
	<hr/>	500.00
S. A. Howland School		
General repairs	200.00	
	<hr/>	200.00
T. A. Green School		
General repairs	200.00	
	<hr/>	200.00
Acushnet Avenue School		
General repairs	200.00	
	<hr/>	200.00
Thompson Street School		
General repairs	150.00	
	<hr/>	150.00
I. W. Benjamin School		
No. 1 boiler	900.00	
General repairs	200.00	
	<hr/>	1,100.00
Dartmouth Street School		
Repair fence, and		
general repairs	250.00	
	<hr/>	250.00
George H. Dunbar School		
General repairs	150.00	
	<hr/>	150.00

Plainville School		
General repairs	50.00	
	<hr/>	50.00
Rockdale School		
General repairs	100.00	
	<hr/>	100.00
Betsey B. Winslow School		
Granolithic walks and work on lawn	1,000.00	
	<hr/>	1,000.00
Henry F. Harrington School		
General repairs	200.00	
	<hr/>	200.00
School Committee Rooms		
General Repairs	150.00	
	<hr/>	150.00
Total		<hr/> <hr/> 10,250.00

RECAPITULATION.

School Buildings,	-	-	-	\$2,435,101
Fire Stations,	-	-	-	232,450
Police Stations,	-	-	-	86,575
Other Public Buildings,	-	-	-	1,378,994
				<hr/>
Total,	-	-	-	\$4,133,120

Respectfully submitted,

JOSEPH L. GIBBS,

Superintendent Public Buildings.

SCHOOL BUILDINGS.

Name of School.	Location.	Year built, enlarged or remodelled	Material	No. stories	No. rooms	Rods of land	Valuation of land	Valuation of building	Total
Middle street	Summer and Middle streets	1844	Brick	3	9†	117.26	\$10,000	\$25,000	\$35,000
Plainville	Plainville road	1846	Wood	1	1	42.91	100	1,000	1,100
North	County road near North line	1852-1891	Wood	1	2	60.	200	1,800	2,000
Parker street	Parker street	1852-1874-1902	Brick	1	12†	140.87	7,700	52,000	59,700
Cedar street	Cedar and Maxfield streets	1855	Wood	2	6	34.39	1,700	5,300	7,000
Dartmouth street	Dartmouth and Hickory streets	1855-1890	Wood	2	8	60.16	3,500	13,000	17,000
Rockdale	Hathaway road	1855	Wood	1	2	50.94	100	1,000	1,100
Merrimac street	Merrimac and State streets	1857	Brick	2	6	60.45	3,300	15,000	18,300
Fifth street	Fifth and Russell streets	1860-1876	Brick	3	10†	65.54	6,000	30,000	36,000
High	Summer street	1876	Brick	3	10†	133.88	11,000	100,000	111,000
Acushnet avenue,	Acushnet Avenue near Grinnell	1878-1894	Brick	2	10	82.85	6,000	44,000	50,000
Mary B. White	Maxfield and Pleasant streets	1881	Brick	2	4	31.37	4,300	21,000	25,300
Cedar Grove street	Cedar Grove street	1883-1892	Brick	2	15	118.75	5,000	31,000	36,000
Thompson street	Thompson street	1885	Brick	2	10	80.	4,300	33,500	37,800
Harrington	Court street	1889-1900	Brick	3	11†	180.13	5,000	50,000	55,000
I. W. Benjamin	Division street	1891	Brick	2	12	110.74	6,000	28,000	34,000
Sylvia Ann Howland	Pleasant and High streets	1893-1901	Brick	2	7	51.80	9,500	55,600	65,100
Thomas A. Greene	Fourth and Madison streets	1894	Brick	2	10	63.58	5,200	53,000	58,200
Clark street	Clark street	1896	Brick	2	8	119.54	3,500	37,000	40,500
George H. Dunbar	Dunbar and Dartmouth streets	1897	Brick	2	8	140.	2,700	40,000	42,700
Phillips avenue	Phillips avenue	1897	Brick	2	8	118.08	5,500	33,000	38,500
William H. Taylor	Brock avenue	1898-1910	Brick	2	12†	352.64	12,475	76,000	88,475
John H. Clifford	Coggeshall and Bowditch streets	1901	Brick	3	12†	210.60	12,636	71,600	84,236
Robert C. Ingraham	Blackmer street	1901	Brick	3	12†	196.11	12,000	70,000	82,000
Horatio A. Kempton	Shawmut avenue	1901	Brick	3	12†	142.30	4,680	43,000	47,680
Thomas Donaghy	South street	1905	Brick	2	12	19.31	23,500	63,004	86,504
Hosca M. Knowlton	County and Coggeshall streets	1906	Brick	3	16†	432.09	11,750	95,661	107,411
James B. Congdon	Hemlock and Thompson streets	1908	Brick	3	16†	209.29	13,488	103,000	116,488
Thomas R. Rodman	Rockdale avenue and Mill streets	1908	Brick	3	10†	124.45	4,978	76,824	81,802
Jireh Swift	Acushnet avenue near Lunds corner	1909	Brick	3	10†	124.80	1,700	80,710	82,410
Abraham Lincoln	Bowditch street, north Belleville road	1911	Brick	3	20†	696.82	17,700	128,000	145,700
Thirteen portable schools	In various school yards	1903-1910-1911	Wood	1	1				23,274
Betsey B. Winslow	Allen and Brownell streets	1912	Brick	2	12†	893.09	25,712	122,741	148,451
New High School	County, head of William street	1912	Brick	3	48†	401.60	60,001	509,369	569,370
									\$2435,101

† Assembly hall.

FIRE STATIONS

Number of Station	Location	Year Built	Material	No. Stories.	Rods of Land.	Valuation of Land	Valuation of Buildings	Totals.
No. 2	Purchase st. and Mechanics Lane	1821	Brick	2	14.22	\$23,000	\$25,000	\$48,000
No. 9	Acushnet av. nr. Lunds corner	1861	Wood	2	8.81	200	2,300	2,500
No. 4	Sixth and Bedford streets,	1866	Brick	2	20.09	1,700	14,300	16,000
No. 1	Purchase and Franklin streets	1871	Brick	2	26.68	1,500	12,000	13,500
No. 6	Fourth st., nr. Potomska st.	1882	Brick	2	28.28	1,500	14,000	15,500
No. 7	Durfee street	1890	Brick	2	37.36	1,500	20,000	21,500
No. 5	County and Hillman streets	1892	Brick	2	23.85	3,300	20,000	23,300
No. 8	Acushnet av. and Davis street	1894	Brick	2	47.00	2,600	24,000	26,600
No. 3	Kempton and Reed streets	1906	Brick	2	35.16	2,300	21,882	24,182
No. 11	Brock av. and Mott street	1908	Brick	2	44.91	1,571	17,840	19,411
No. 10	Purchase and Cedar Grove sts.	1909	Brick	2	Part water works lot			21,963
								\$232,456

POLICE STATIONS.

Name	Location.	Year Built	Material	No. Stories	Rods of Land	Valuation of Land	Valuation of Buildings	Total
Central	Second street	1822	Brick	2	44.48	\$5,400	\$10,000	\$15,400
Willis street	Willis st., near Purchase	1850	Wood	2	12.27	1,325	2,500	3,825
Weld street	Weld street	1880	Brick	2	21.00	4,500	25,000	29,500
Blackmer st.	Blackmer and Water streets	1892	Brick	2	7.76	800	12,000	12,800
Kempton st.	Kempton and Cedar streets	1898	Brick	2	11.94	1,650	19,000	20,650
Police stable	Second street, near School street	1891	Wood	2	18.24	1,500	2,900	4,400
								<u>\$86,575</u>

OTHER PUBLIC BUILDINGS.

Name	Location	Year Built and Remodelled	Material	No. Stories	Rods of Land	Valuation of Land	Valuation of Building	Total
*Free Public Library	William and Pleasant Sts.	1907-1910	Stone	3	87.39	\$125,000	\$275,000	\$400,000
**Municipal Building	William and Pleasant sts.	1912	Brick	3	92.74	138,864	336,000	474,864
Almshouse Property.	Clark's Point	1842	Stone-Wood	3	77 acres	46,000	54,000	110,000
City Stables	Ash Street	1877	Brick	1 & 2	456.93	8,400	57,000	65,400
Pumping Station and Lot	Purchase street	1866-1870	Stone	1	640	24,000	25,000	49,000
School Committee Headquarters	William street	1846	Wood	2	24.61	5,000	4,700	9,700
Veteran Firemen's Headquarters	High and Foster sts.	1846	Wood	2	9.83	1,000	1,300	2,300
Ward Room	Fourth street	1835	Wood	1	3.82	500	650	1,150
Ward Room	Rivet street	1896	Wood	1	4 19	500	2,000	2,500
Ward Room	Kempton, East of County St	1889	Wood	1	leased land		500	500
Bathing House	East French avenue	1899	Wood	1	leased land		1,700	1,700
Water Works,	Lakeville	1895-1900	Brick-Wood				136,000	136,000
Isolation Hospital	City Farm	1904	Wood	2			41,200	41,200
Immigration Shed	City Wharf	1904	Wood	2			10,500	10,500
Miscel. Building on City Parks							50,000	50,000
City Wharves, Cemeteries, etc.,								
Old Lunds Corner Schoolhouse and Other Buildings on Lot	Lunds Corner	1889	Wood	2	84	4,500	5,500	10,000
Sewage Pumping Station	Cove road	1913	Brick	1	city's shore property		14,180	14,180
								1,378,994

* Formerly City Hall—Erected in 1838-1839.

** Easterly part formerly Free Public Library Building—erected in 1856.

Inspector of Buildings Report.

OFFICE SUPERINTENDENT PUBLIC BUILDINGS.

BUILDING STATISTICS FOR 1913.

Total number of permits granted during the year for new buildings, alterations and repairs was 1245 at an estimated cost of \$3,067,700.00, classified as follows :

	Permits	Est. cost
New dwellings, including stores and dwellings combined,	425	\$1,482,200.00
New buildings and additions for manufacturing, business and office purposes	33	585,500.00
Buildings for banking purpose,	1	100,000.00
Buildings for religious and hospital purposes,	2	35,000.00
Buildings for club purposes,	2	25,000.00
Additions, alterations and repairs,	437	304,150.00
Miscellaneous — Barns, sheds, garages, etc.	345	154,850.00
	1245	\$2,686,700.00

GOVERNMENT BUILDINGS.

United States Post Office Building,	300,000.00
County of Bristol — New District Court House,	62,000.00
Additions, alterations and repairs to schoolhouses and other city buildings,	19,000.00
Total,	\$3,067,700.00

DWELLINGS ERECTED BY WARDS.

One	Two	Three	Four	Five	Six
159	45	35	51	37	98

Number of new tenements added 820

STATISTICS FOR 1912.

No. permits granted	Est. Cost	No. dwellings erected.
940	\$2,400,000.00	379

Showing an increase in 1913 over 1912 as follows :

In permits granted	In est. cost.	In new dwellings erected
305	\$667,700.00	46

STATISTICS OF PREVIOUS YEARS

	No. Permits	Estimated Cost	No. Dwellings Erected	No. Tenements Added
1893	340	\$1,800,000	151	322
1894	69	795,860	144	361
1895	554	1,301,871	201	527
1896	794	1,687,396	378	920
1897	797	1,357,395	310	699
1898	415	490,647	81	122
1899	424	708,245	79	124
1900	402	755.40	68	102
1901	416	1,099,102	161	235
1902	470	1,968,840	164	354
1903	608	1,984,871	252	578
1904	541	1,575,552	210	447
1905	648	1,506,275	293	645
1906	672	2,450,500	296	649
1907	682	2,256,000	278	721
1908	774	2,872,300	411	1,083
1909	986	6,267,650	550	14,73
1910	117	7,037,337	639	1,812
1911	950	2,661,063	485	1,117
1912	940	2,400,050	379	896
1913	1245	3,067,700	425	820
	<hr/> 14,236	<hr/> \$46,044,055	<hr/> 5,955	<hr/> 14,007

NEW BUILDING ORDINANCES.

In the early part of the year 1912 by order of the City Council, the Committee on Buildings in the Fire Districts together with the Inspector of Buildings revised the building ordinances of the city and recommended to the City Council for adoption the following additional revised laws:

CITY OF NEW BEDFORD.

IN THE YEAR ONE THOUSAND NINE HUNDRED
AND TWELVE.

AN ORDINANCE

Relative to Building in the Fire Districts.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 2 of Chapter XII of the city ordinances is hereby revised and altered as follows:

Section 1. Except in the cases of shed or buildings for the temporary use of building material or protection of lumber, the roofs of all buildings hereafter erected within all the territory lying south of Tarkiln Hill road and easterly to a line running as hereafter set forth and from said Tarkiln Hill road to Clarks Cove, shall be covered with incombustible material, viz.:

Beginning at a point in the easterly line of the location of the N. Y., N. H. & H. Railroad Company property at the south line of Tarkiln Hill road, thence in the line of said railroad location southerly to Nash road, thence westerly to Mt. Pleasant street, thence southerly to Durfee street, thence westerly to Caroline street, thence southerly where the prolongation of the north line of Oak Grove cemetery would intersect the same, thence westerly to the east line of Oak Grove cemetery, thence southerly along the easterly bounds of Oak Grove cemetery to Smith street; thence westerly to Liberty street; thence southerly to Maxfield street; thence westerly to Rockdale avenue, thence southerly in Rockdale avenue to the Dartmouth line, thence continuing southerly in the Dartmouth line to Clarks Cove.

Section 2. All chimneys shall be built of brick, stone or other incombustible material. Chimneys of brick shall not be less than six inches thick, unless the flue linings are used not less than one inch thick, in which case four inches of brick may be used. All chimneys to be plastered on their outside surfaces from bottom of first floor to joist to under side of roof boarding, and all chimneys hereafter built shall have iron frame and clean-out door at their base.

Chimneys other than those built of brick should have an additional lining of four inches of brickwork or a flue lining as above specified. Every chimney flue shall be carried to a height sufficient to protect adjoining buildings from fire and smoke, and unless the roof is covered with incombustible material, shall extend at least four feet above the highest point of contact with the roof. No chimney shall be built out of perpendicular more than half its area.

No parging mortar shall be used on the inside of any fireplace, chimney or flue. All brick flues shall have joints well filled and smoothly struck on the inside.

Earthen or fire clay funnels when used shall not project over one-half inch from face of chimney, and in every case when used with woodwork in front of a chimney they shall be set in the centre of a recessed panel in said woodwork not less than 16 inches square.

No chimney shall be corbeled from a wall more than the thickness of the wall. No chimney shall be hung from a wall which is less than 12 inches thick.

Iron or steel smoke-stacks hereafter erected to any building shall extend to a height sufficient to protect adjoining buildings from fire and smoke and shall have spark arrester attached to the top of same.

No part of any floor timber, studding or furring shall be within one inch of any chimney, or within two inches of the back wall of any fireplace.

Open fireplaces, set cooking ranges, set kettles and the like, shall have fireproof foundations with fireproof hearths extending not less than 16 inches out from the chimney breast.

All such hearths shall be laid upon incombustible supports. Wooden centering, supporting a trimmer arch, shall be removed before plastering underneath. Brick jambs of every fireplace, range or grate opening shall be at least eight inches wide each, and the backs of such openings shall be at least eight inches thick, and when it adjoins a wood stud partition shall have at least two four-inch walls with at least two-inch air space between, extending upwards not less than four feet from the bottom of such opening.

Brickwork or other masonry over fireplaces and grate openings shall be supported by proper iron bars, or brick or stone arches.

No woodwork shall be secured to the brickwork or other masonry of any flue.

No structure of masonry to contain fire, nor any furnace or boiler for heating shall be placed upon a wooden floor.

No steam, furnace, or other hot-air pipe shall be carried within one inch of any woodwork, unless such pipes are double or otherwise protected by incombustible material.

No stove-pipe in any building with combustible floors and ceiling shall hereafter enter any flue nearer than 18 inches from the floor or ceiling, and in all cases when smoke-pipes pass through the stud or wooden partitions, floor or roof, whether plastered or not, they shall be guarded by either a double collar of metal, with at least 2 inches of air space all round and holes for circulation of air or by a soapstone ring or solid casting of plaster of paris, not less than 3 inches in thickness, and extending through the partition, or by an earthenware ring, 1 inch from the pipe at every point.

Depositories for ashes in the interior of any building shall be constructed of incombustible material.

Section 3. Every non-fireproof building and all wooden buildings, except dwellings in the second district, shall have an incombustible fire stop at each floor from the bottom of the floor joist to 5 inches above the top of the same. Said fire stop at each floor shall fill the space full between the studding or furring entirely around the external walls of the building and through the interior wherever the floor joists have a supporting partition. All dwellings in the second district shall have a fire stop similar to the above at the first floor, and on each floor above the first shall have a smoke stop of wood the full depth of the studding and not less than 2 inches thick.

No building shall be covered by lathing, sheathing or otherwise until the inspector has, by examination, ascertained that said building is in compliance with the above provisions. Said inspector shall be notified by the owner, agent or builder before the building is covered by lathing, sheathing or otherwise.

A dwelling shall be taken to mean and include every building which shall be intended or designed for or used as the home or residence of not more than three separate or distinct families.

Section 4. No frame building shall hereafter be erected within 4 feet of the side or rear line of a lot or a building on the same lot unless the space between the studding of any such side be filled in solidly with not less than 4 inches of brickwork, and if so filled in with brickwork shall not be erected within 2 feet of said lines or buildings.

Section 5. All buildings hereafter erected within the city limits designed or to be used for the purpose of a garage shall be constructed of stone, brick, concrete or steel, with a fireproof covering and concrete floor.

Section 6. Nothing herein contained shall be construed to prevent the completion of work hitherto authorized as contemplated in accordance with the permission existing therefor.

Section 7. All ordinances, or parts of ordinances, inconsistent herewith, are hereby repealed.

In Board of Aldermen, May 23, 1912.

Passed to be ordained.

JOHN HANNIGAN, Acting Mayor.

In Common Council, May 23, 1912.

Passed to be ordained.

FREDERICK H. TABER, President

Approved, May 25, 1912.

JOHN HANNIGAN, Acting Mayor.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

The City Council voted the adoption of the above ordinances, the same to become effective on its passage.

Since the above laws became effective it has become absolutely necessary to keep two inspectors in the field at all times, one at the south and one at the north parts of the city to inspect every building for which a permit has been issued either for new work, alterations or repairs, every new building to be inspected no less than three times before completion in order to render the new law effective.

As compared with the work of 1913 when 1245 building permits were issued from this office, it is anticipated that this number will be materially increased during the year 1914. This will necessitate the continuance of the two assistant inspectors now in the field if the new law is to be made effective.

HOTEL AND LODGING HOUSE INSPECTION.

In compliance with Sections 33, 34 and 35 of Chapter 104 of the Revised Laws relative to hotels and lodging houses having ten or more rooms above the second floor, I have made an annual inspection of every hotel and lodging house in this city coming under this law and reported their condition relative to safety in case of fire, to the chief of Massachusetts District Police.

Also in accordance with Chapter 129 Acts of 1911, I have made an inspection of thirty houses maintained for furnishing lodging to transient persons, and not licensed as an inn, in which ten or more persons are lodged, notwithstanding that no price is charged for lodging, and reported their condition as a matter of safety in case of fire to the Mayor and Board of Aldermen. In every case where the necessary precautions against the spread of fire and giving the alarm to inmates had not been provided for the petitioner for license to maintain such house was given leave to withdraw.

VIOLATION OF THE BUILDING LAWS REPORTED AND
CORRECTED DURING THE YEAR.

Building without permit	51
Faulty construction and violation of the building laws	163
Dangerous chimneys	26
Safer construction ordered in buildings after being damaged by fire	24
Total,	<hr/> 263

CONCLUSION.

In conclusion, I wish to express my appreciation and thanks to the Mayor and the various committees of the City Council for their cordial co-operation in all matters pertaining to the work of this department.

Respectfully submitted,

JOSEPH L. GIBBS,
Inspector of Buildings.

NINETEENTH

ANNUAL REPORT

OF THE

Board of

Cemetery Commissioners

For the Year Ending November 30,

1913.



NEW BEDFORD, MASS.

THE A. E. COFFIN PRESS, PRINTERS.

1914.

CEMETERY BOARD.

WILLIAM M. HIGHAM, Chairman.

JOHN G. NICHOLSON.

CHARLES H. VINAL, Secretary.

CLERK OF THE BOARD.

PARDON A. MACOMBER.

ASSISTANTS.

MISS IVAH M. HUNT.

MISS ALICE G. SHAW.

ACTING SUPERINTENDENT.

HURLBERT E. THOMAS.

CEMETERIES.

RURAL. Sexton, NELSON L. PIKE.

OAK GROVE. . . Sexton, EDMUND M. CORNELL.

PINE GROVE. GRIFFIN STREET.

CITY OF NEW BEDFORD,
OFFICE OF CEMETERY BOARD.

New Bedford, December 1, 1913.

To the Honorable, the City Council of the City of New Bedford.

GENTLEMEN:—Pursuant to the requirement of the City's ordinance relative to the Department of Cemeteries, that the Board of Cemetery Commissioners shall annually in the month of January render to the City Council a report of its doings, I herewith submit its nineteenth annual report, the same being for the year ending November 30, 1913.

CHARLES H. VINAL.

Secretary.

CEMETERY REPORT

FINANCIAL STATEMENT.

FOR THE YEAR ENDING NOVEMBER 30, 1913.

DR.

Balance, old account.....	\$310.13
Annual appropriation, Feb. 13, 1913....	20,000.00
Receipts, labor to December 1, 1913....	10,109.40
Receipts, labor on Perpetual Care lots...	5,693.55
Refund, overcharge on tomb lease (Wood)	1.50
	<hr/>
	\$36,114.58

CR.

Transferred to unappropriated funds (see City Auditor's balance).....	\$310.13
Expenditures, general.....	35,539.71
Unexpended balance.....	264.74
	<hr/>
	\$36,114.58

SALE OF LOTS.

DR.

Balance, old account.....	\$2,389.01
Receipts, sales of lots, to December 1, 1913	6,355.00
	<hr/>
	\$8,744.01

CR.

Expenditures, improvement and embel- lishment	\$6,778.91
Balance to new account.....	1,965.10
	<hr/>
	\$8,744.01

CEMETERY REPORT

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CLASSIFIED STATEMENT OF EXPENDITURES.

RURAL CEMETERY.

General labor account.....	\$8,772.72	
Supplies, tools.....	120.16	
Supplies, brick, cement, lime, sand	554.05	
Supplies, seed, sod, fertilizer..	213.75	
Supplies, general.....	282.35	
Water (city).....	157.23	
New sections and extensions...	1,803.33	
Avenues and cinders.....	334.08	
Police	90.00	
		\$12,327.67

OAK GROVE CEMETERY.

General labor account.....	\$6,192.28	
Supplies, tools.....	72.31	
Supplies, brick, cement, lime, sand	221.06	
Supplies, seed, sod, fertilizer...	212.12	
Supplies, general.....	231.53	
Water (city).....	75.04	
New sections.....	17.94	
Avenues	1,029.14	
Macadam and crusher stone...	1,490.40	
Repairing face wall.....	497.57	
Police	6.75	
Road Roller Shed.....	14.33	
		\$10,060.47

PINE GROVE CEMETERY.

General labor account.....	\$1,984.30	
Supplies, tools.....	50.77	
Supplies, brick, cement, lime, sand	54.92	
Supplies, seed, sod, fertilizer...	77.61	
Supplies, general.....	268.98	
Water (city).....	12.65	
Nursery	22.55	
		\$2,471.78

PINE GROVE CEMETERY—NEW LAND.

Wall	\$1,237.39	
Macadam and stone crusher...	1,228.05	
Drain	265.70	
Pond	205.17	
New approach.....	2,112.76	
Avenues	1,029.93	
Shrubs	684.45	
		\$6,763.45

CEMETERY REPORT

GRIFFIN STREET CEMETERY.

General labor account.....	\$426.54	
Supplies	1.59	
Water (city).....	5.00	
	<hr/>	\$433.13

GREENHOUSE.

General labor account.....	\$1,954.36	
Maintenance, stock and supplies	306.81	
	<hr/>	\$2,261.17

HORSES AND WAGONS.

Care and supplies, hay, grain, etc.	\$477.16	
Cart	85.00	
	<hr/>	\$562.16

OFFICE.

Supplies	\$912.63	
Annual report.....	80.68	
Telephone	52.54	
	<hr/>	\$1,045.85

SALARIES.

Office	\$2,630.00	
Acting Superintendent.....	1,200.00	
Sexton, Rural Cemetery.....	1,020.28	
Sexton, Oak Grove Cemetery...	936.00	
	<hr/>	\$5,786.28

TELEPHONES.

Oak Grove Cemetery.....	\$37.00	
Pine Grove Cemetery.....	43.00	
Act. Superintendent's residence	16.68	
	<hr/>	\$96.68

Road roller account, supplies.....	\$244.72	
Crusher account, supplies.....	25.20	
Automobile signs for avenues.....	238.56	
Refund, overcharge on tomb lease (Wood)	1.50	
Uncollected bills to December 1, 1913, amount to.....		\$2,194.23

Respectfully submitted,

PARDON A. MACOMBER, *Clerk.*

Report of Cemetery Commissioners.

The past year has been marked with a notable improvement in the reconstruction of our roadways and in the general expansion of the cemeteries. Particularly is this in evidence in the completion of the new entrance to Pine Grove Cemetery on Acushnet avenue; the new macadam avenue leading from the entrance in a beautifully curved line and following the contour of the land around the first group of tall pines and intersecting the macadam avenue in the south section; the large area of our main avenues in both Rural and Oak Grove Cemeteries which has been re-built with macadam, furnishing most excellent driveways and permitting automobile use under certain rules, fully demonstrating to the Board that the new road roller and stone crusher purchased last year was a most valuable and economical acquisition to this Department.

In opening up a new cemetery, which is what the Board is now doing at Pine Grove, it is quite necessary to emphasize the fact that large expenditures must be made and much labor performed to prepare these grounds for use and accessibility. Entrances must be substantially built. Avenues and lawns constructed, embellishment of trees and shrub planting, office buildings and sexton's quarters provided, the land thoroughly drained, and drainage provision is found to be most essential in the preparation of grounds for burial use, there are also many other minor requirements in the work of this character which constitute a large preliminary preparation before we can prepare lots for sale in this new cemetery. The Board are pleased to report that very substantial progress has been made along the above lines during the year past. A massive stone entrance has been permanently constructed covering a space of two hundred and five feet frontage on Acushnet avenue. The land receding from this to the cemetery proper for a distance of nearly six hundred feet, which

was in a wild and wooded state, has been thoroughly grubbed, dug over to a regulation depth, all obstructions removed, graded and seeded and attractively embellished with trees, shrubs and evergreens, under the direction of R. & J. Farquhar & Co., landscape gardeners; water mains connecting with the city service have also been laid through the new section and into the grounds to the extent of one thousand feet. Most of the detail of this enterprise will be found in the Superintendent's report.

The growing popularity of the feature of Perpetual Care for lots, so strongly advocated by the Board, is becoming more apparent each year with the increasing deposits placed by lot-owners for this purpose, and the results are shown in the neat appearance of individual lots which so largely contributes to the general good appearance of the whole cemetery. The number of lots placed in Perpetual Care in 1913 was 66. Additional deposits were made to 26 lots. The total number of lots now in Perpetual Care is 1,444. The amount deposited during the year was \$9,450.00, making the total amount of the Perpetual Care fund, \$173,176.62, an increase of more than \$150,000.00 since the organization of this Board.

In Rural Cemetery, the general work of maintenance has been performed, while land constituting three new sections has been dug over and prepared for burial use. Under the careful management of the sexton, Nelson L. Pike, this cemetery has presented an attractive appearance, lots in annual and perpetual care have been regularly and frequently mowed, stones cleaned, and such other work performed as was required to the extent of what money's there were standing to the credit of these lots would permit; the clean avenues; well kept lawns; and artistic arrangement of floral beds, designs, etc., all reflect much credit to his careful management.

As has been previously reported, Oak Grove Cemetery is now all developed and as there is no suitable land adjoining these grounds available for cemetery purposes, no further extensions to these grounds can be made. It is

quite essential that a strip of the wooded district, bordering the west line of this cemetery be purchased to protect the drainage provision in this cemetery and to serve as a shield from the resident district beyond. The Sexton, Edmund M. Cornell, has shown careful management in conducting the affairs of these grounds and they have presented their usual attractive appearance through the entire season.

The face wall forming the north line of the old grounds and west of the Parker street entrance which was so badly thrown by the action of frost has been entirely rebuilt this year, and its reconstruction is a feature of substantial permanency.

It is our pleasant duty to give expression to the appreciation of the proprietors of the efficient and tactful care and development of the cemeteries, by the acting Superintendent, Mr. Hurlbert E. Thomas, who on September last entered upon his thirty-third year of active service on this department. The Board also wish to acknowledge their appreciation of the co-operation of the City Engineer, Mr. George H. Nye, who since his transfer from the superintendency of this department to that of City Engineer has not ceased to cheerfully respond to the requirements of the cemetery officials and lend his superior artistic views and suggestions to the improvement of the work in this department. It is a source of gratification on all sides that the city government of New Bedford is unstinted in providing for the care of the cemeteries. As the Board in charge of the cemeteries, we are deeply grateful for the kindly consideration shown at all times, and for the confidence they have displayed in passing upon the requests of the department. To the city government of New Bedford is therefore due, in full measure, credit for the excellent condition and reputation of the city cemeteries.

WM. M. HIGHAM, *Chairman*,
JOHN G. NICHOLSON,
CHARLES H. VINAL, *Secretary*.

SUPERINTENDENT'S REPORT.

To the Cemetery Board of the City of New Bedford:

GENTLEMEN—I submit to you a summary report of work accomplished in the city's cemeteries during the past year. The general maintenance and management has been under my direction. All new work has, under my careful superintendence, followed the plans and specifications as submitted to me by the Board, and I trust the results so far accomplished, have met your approval.

I have also submitted such suggestions as I have deemed advisable for the immediate needs and development of this department.

Fifty six men have been steadily employed in the work of this department from March 1st until January 1st, 1914. Five teams have been required and in constant use, and the steam roller and crusher have been steadily preparing and rolling stone for the main avenues of the several cemeteries. The roller and crusher have proved the greatest auxiliaries in cemetery work, since my connection with this department, and the work accomplished by them is a permanent improvement and very satisfactory. I would suggest that a portable bin be purchased in connection with this plant. It would greatly facilitate the work as several teams could fill from it while one at a time is used now.

I am confident that the re-grading and surfacing of all the avenues in the several cemeteries under our present methods would be the greatest permanent improvement the department could make, and while the condition of the avenues compares favorably with the carriageways here-about, yet such lasting good would come from re-grading and surfacing with the roller and crusher service, that I trust that the finances of the department will permit the

accomplishment of this work each year until all our roadways are re-built in the several enclosures.

In Oak Grove Cemetery, Central Avenue leading from the entrance on Parker street to a distance of 1,425 lineal feet or 1,742 square yards has been macadamized and resurfaced, and Circuit avenue, leading from Robeson street entrance to a distance of 271 lineal feet or 902 square yards, has received the same treatment.

In Pine Grove Cemetery, 1,759 lineal feet or 2,955 square yards of roadway graded and 1,176 lineal feet or 2,660 square yards of macadam laid.

The crusher is operated by a belt drive from the roller. The roller is also used for traction purposes from one ground to another. It has also served as a stump puller, and the removal of boulders from new land now being turned over in Pine Grove, thus in many ways does this plant serve the department economically and profitably.

The retaining face wall on the north line of the old part of Oak Grove Cemetery leading west from the Parker street entrance to a distance of 413 feet has been entirely re-built. This has been a much needed improvement and its reconstruction adds greatly to the appearance of the street frontage to these grounds.

The new entrance at Pine Grove Cemetery has been completed. Its construction consists of 105 lineal feet of ornamental stone wall abutting four five feet square ornamental posts, and conforms in every particular to the design and plan prepared by the City Engineer, Mr. George H. Nye. 226 lineal feet of ordinary retaining wall have been built to define the south line of this section to these grounds.

In October of this year, representatives from the firm of R. & J. Farquhar & Co., landscape gardeners, arrived with several car loads of trees, shrubs, conifers and evergreens, and in accordance with plans previously accepted

by the Board, embellished this new entrance with ornamental planting of the above stock from their famous nurseries, and in the spring, this entrance and section of the new Pine Grove will present a most attractive and park like appearance.

The period is rapidly approaching when Pine Grove Cemetery will be used daily for burial service, and in anticipation of the more frequent use of these grounds, I desire to impress on the board the importance of developing that portion of new Pine Grove, east of Bowditch street, that an office building and sexton's quarters be constructed this year on these grounds, and a permanent officer appointed to have charge of the same that this cemetery may at all times be in direct communication with the main office and other grounds,—that about 1,000 feet of additional water main be laid to connect with the mains now in the south section, and the old water tower removed,—these special features though necessitating large expense, should be provided and I trust the finances of this department for the coming season will permit their construction.

The straightening of headstones and markers throughout the several grounds has been finished and large areas re-graded; the opening of a number of choice lots on high land will develop into a beautiful section; and a section of new single graves has been completed and very attractively laid out.

The trees and shrubs in the cemeteries are in excellent condition and the gypsy and brown tail moth under control.

The statistics and financial report of this year show a steady increase in the resources of the city cemeteries, and the appreciation of the advantages of perpetual care is diminishing the number of uncared for lots.

Of the 4,887 lots sold, 1,444 are under perpetual care and 1,412 are under annual care. Many others are cared for by the florists of the city. There are, however, quite

a number of lots in the older sections which are left without care beyond that which the cemetery department voluntarily bestows, which is not inconsiderable, as the officers appreciate how unsatisfactory it is to allow lots on both sides of cared for lots to receive no attention, and by their untidiness give an air of neglect to the whole territory in the immediate neighborhood.

The greenhouses have contributed abundantly to the entire supply of the numerous flower beds in the several grounds. Many standard vases and beds on private lots for which special deposits of money have been made, have been supplied with plants during the season. These houses should be painted during the coming season.

About fifty feet of face wall should be built to complete the north line enclosures to Rural Cemetery, leading west from Rural street entrance.

Additional catch basins should be built to provide for the water shed in Pine Grove Cemetery.

I herewith submit for your inspection, a summary of the work accomplished in the several cemeteries during the year.

Respectfully submitted,

HURLBERT E. THOMAS.

Acting Superintendent.

CONSTRUCTION WORK.

	Rural. Oak Grove. Pine Grove.		
Sq. ft. land cleared of brush...	8,140		
Sq. yds. land graded.....	3,616		9,584
Sq. yds. land dug over.....	7,897		9,584
Sq. ft. land seeded.....	36,192		
Lineal ft. avenues fitted.....	1,640	500	
Lineal ft. borders fitted and trimmed	840	3,050	1,168
Lineal ft. avenues macadamized		1,802	1,188
Sq. yds. avenues laid.....			2,666 $\frac{2}{3}$
Lineal ft. wall foundation laid.			224
Cu. yds. wall foundation laid..			33 $\frac{1}{3}$
Lineal ft. of drain laid, 8"....			272
Lineal ft. of drain laid, 18"...			82
Lineal ft. of wall built (cement)			214
Lineal ft. of wall built (dry) ..			230
Lineal ft. of wall rebuilt and refaced		358	
Sq. ft. of sod laid.....		1,935	
Lineal ft. gutter paved.....		80	
Foundations for tablets.....	121	124	13
Foundations for monuments...	24	27	
Posts and chains removed.....	1		
Cement bound posts set.....	651		79
Shrubs set out.....		5	925
Corner posts on lots set.....	8	4	
Neglected graves fitted.....			15
Bodies entombed in 1913.....	13	14	3
Bodies disinterred in 1913....	23	22	6
Interments in Friends Cemetery	4		
Interments made in lots.....	222	165	23
Interments made in single graves	9	12	41
Interments made in public ground	300		55
Interment made in Soldiers' and			

CEMETERY REPORT

15

Sailors' lots	14		
Total interments made in 1913	545	177	119
Total interments made to Dec.			
1, 1913	15,944	13,577	785
Bodies remaining in Public			
tomb	6	4	
Lots in annual care in Friends			
Cemetery	10		
Lots sold in 1913.....	35	48	5
Single graves sold in 1913....	6	9	22
Prepared lots unsold.....	235	419	79
Value of lots unsold.....	\$14,305	\$49,385	\$3,980
Value of single graves unsold..			\$2,660
Foundations rebuilt.....	12	5	
Headstones refitted.....	5	5	
Foundations for curbing.....		1	
Graves fitted.....	328	130	71
Brick graves built.....	43	14	1
Lots in annual care.....	751	616	35
Lots in perpetual care.....	*754	**549	36
Number of stones cleaned.....	42	18	8
Number of monuments cleaned.	2		1
Curbing cleaned.....	1	2	
Foundations for tomb.....	1		
Returns built.....		2	
Lots refitted and seeded.....		3	1
Lots refitted and sodded.....		2	
Trees set out.....	2	1	127
Trees removed.....	3		1
Hedges removed.....	1	1	
Curbing removed.....	1	2	

*St. John's, 6. Friends, 21. Griffin St., 1.

**St. Mary's, 52. Cong. Church Cemetery, 14. Peckham West, 11.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 22, 1914.

Received. Ordered printed in the City Documents
and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

January 22, 1914.

Concurred.

CHARLES P. SAWYER,
Clerk.

Annual Report

OF THE

CITY CLERK

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year 1913



NEW BEDFORD, MASS.

MERCURY PUBLISHING COMPANY

1914.

REPORT.

City of New Bedford.

City Clerk's Office,

Jan. 31, 1914.

To the City Council:

Gentlemen:—During the fiscal year 1913 (December, 1912, to November, 1913, inclusive) the City Clerk's Department received and turned into the city treasury the following:—

FOR LICENSES.

Auctioneers,	\$84.00
Billiards, pool, etc.,	1,312.00
Bowling alleys,	98.00
Firearms,	100.00
Carousals, etc.,	40.00
Fruit,	1,920.00
Fruit badges,	19.50
Fruit, wagon plates,	48.00
Hacks and wagons,	95.00
Wagon plates,	95.50
Motor trucks,	24.00
Autos, etc.,	4.00
Intelligence offices,	10.00
Junk dealers,	205.00
Junk collectors,	183.00
Junk collectors' badges,	9.50
Junk collectors' wagon plates,	30.50
Pawnbrokers,	300.00
Petroleum,	91.00
Petroleum (registration),	114.00
Gunpowder,	1.00
Gunpowder (registration),	1.00
Private detective,	40.00
Scallops,	69.00
Lunch cart,	50.00
Skating rink,	5.00
	<hr/>
	\$4,949.00

FEES.

Intention of marriages,	\$1,262.00	
Mortgages,	189.25	
Assignment of mortgages,	2.25	
Foreclosure of mortgages,	.75	
Discharge of mortgages,	29.00	
Bills of sale,	21.35	
Assignment of wages,	22.52	
Discharge of assignment of wages,	.75	
Married Women's certificates,	11.25	
Voluntary assignments,	4.00	
Writs,	1.25	
Mechanics lien,	3.00	
Copies of record,	1,089.83	
Record of partnership,	1.00	
Telephone toll calls,	.65	
Reg. of lost dog,	.25	
Dog fees (City's share, Chap. 102, R. L.),	524.40	
		<hr/>
		\$3,163.50
		4,949.00
		<hr/>
Total of licenses and fees returned to city,		\$8,112.50
Dog fees collected and returned to County Treasurer,		\$6,036.60
Hunters' licenses issued and returned to Commissioners of Fisheries and Game,		777.00
		<hr/>
		\$6,813.60
Total receipts and returns during 1913,		14,926.10

By comparison with the figures of the previous year it will be seen that the receipts of the office were \$1,990.54 more in 1913 than in 1912. This shows the growth of the city and the corresponding growth of the work of the office.

The increase in dog fees collected and returned to the county and city treasuries is \$740.40 over 1912. I am confident that this increase is due, in no small measure, to the adoption of dog tags, which were used, for the first time, this year. A tag has been supplied with each dog license issued. With each licensed dog wearing a tag, it has been possible for the police officers to easily distinguish between licensed and unlicensed dogs. The police department has given great

assistance in the matter of forcing the owners of unlicensed dogs to procure licenses. Instead of appointing regular "dog officers," as has been the method in the past, each patrolman has been held responsible for the dogs on his beat, and the result has proved quite satisfactory.

It will be noted that there were 777 hunters' licenses issued during 1913, as against 700 in 1912. The whole of the money received for each hunter's license goes, by law, to the state, being returned by the city clerk to the state commissioners on fisheries and game. The hunter's registration law provides that in places where the salary of the clerk does not exceed \$500 per year a fee of fifteen cents may be retained for making out each license and making the return therefor; if the salary of the clerk exceeds \$500, then no fee is permitted to be retained. The average time required to make out a hunter's license, from start to finish, is 10 minutes, and according to my calculation, the clerks in this office spent $21\frac{1}{3}$ working days during 1913 on this work, for which the city received absolutely no recompense. In addition to this, it is necessary, for general convenience, to keep an index of the licenses, which requires more time. The actual cost to the city in money is not great, but it seems to me that the proceeding is wrong in principle. The city should not be burdened with this work, the only dividend of which is bother, unless some recompense is made. In my opinion the law should be changed to allow cities to retain the fee which is allowed to clerks in small towns.

VITAL STATISTICS.

During the year 1913 there were recorded in the office of the city clerk, as registrar of births, marriages and deaths, the following:—

Births,	3,649
Marriages,	1,296
Deaths,	1,890

Of the births reported, 135 were stillborn.

Using the assessors' mid-year population estimate (104,874 as of July 1, 1913) the birth rate per 1000 for 1913 was 33.50. The 1912 birth rate per 1000 was 34.56.

The death rate per 1000 for 1913 was 16.05. In 1912 the death rate per 1000 was 16.69.

There were 133 more marriages recorded in 1913 than in 1912.

There were 118 more marriage intentions filed in 1913 than in 1912.

In the birth canvass required by law during January, 1913, covering 4,912 births, the canvass districts were increased in number and reduced in size, with satisfactory results. Whereas, in former years, the canvass begun in January was not completed until March, the last canvassers' returns were in the office on February 11th, 1913.

The canvass for 1913 births, made during January 1914, has been conducted with a view to securing even quicker returns. The city was divided into 14 districts, none of which included more than 2,700 polls, according to the assessors' figures, and the canvass was completed January 17th. In this way, the entire city has been covered more completely than ever before, and the births which might have been missed, through the moving about of families from place to place during the canvass, have been reduced to a minimum.

The birth canvass shows an interesting state of affairs. While the number of inhabitants of New Bedford has shown a constant increase during the past three years, the number of births and the birth rate have decreased. In 1911, with a mid-year population of 101,000, the number of births was 4,193, the birth rate being 36.69. In 1912, with a mid-year population of 130,151, the number of births was 3,736, the birth rate being 34.56. In 1913, with a mid-year population of 104,874, the number of births was 3,649, the birth rate being 33.50.

The sources of the birth record are as follows:—

Reported by physicians,	2,427
Reported by midwives,	766
Reported by canvassers,	326
Reported from miscellaneous sources,	130
	<hr/>
	3,649

A further survey of the canvass shows the following facts:—

Births attended but not reported by physicians,	102
Births attended but not reported by midwives,	49
Births occurring elsewhere, parents residing in New Bedford,	12
Cases unattended by physicians or midwives,	163
	<hr/>
	326

Since the canvass was completed practically one-third of the births set forth above as unreported by physicians or midwives have been accounted for as errors in statements made to canvassers. In comparison with similar tables illustrating features of the canvass of 1912 births, these results show that those responsible are growing to appreciate the importance of birth reporting, and their obligations under the law.

BIRTH RETURNS.

The importance of birth returns and correct birth records has been emphasized, during the year, by the operation of the various laws relating to child labor enacted by the general court of 1913 and becoming effective during the year.

A certificate of birth is required to establish the child's age before the child can be employed in a mercantile or manufacturing establishment. When the attending physician or midwife, or the parent of the child has complied with the requirements of law, and has made the proper returns for registration, at the time of the child's birth, little trouble has been experienced. In many cases, however, it has proved that there was no record of birth because of the failure of

those upon whom the duty devolved to make the proper report. In these cases, much needless trouble and inconvenience has been caused to the families of the children whose births were not recorded.

The operation of the child labor law has considerably increased the work of the city clerk's office. This work might have been reduced to a large extent, if, in the past, greater effort had been made toward more complete returns.

MARRIAGE LAWS.

While this report should, perhaps, be confined to the 1913 work of the department, it seems wise, for the sake of being up-to-date, to include in it mention of the operation of a new law relating to notices of intention of marriage, which became operative Jan. 1, 1914, Chapter 752, Acts of 1913. This law makes it obligatory, on the part of the registrar, before the receipt of notice of intention of marriage, to require the applicant to make oath to the truth of all the statements therein, and to make oath that there are no impediments to the intended marriage. Under a former statute, it was optional with the registrar whether the statements should be made under oath. It has been my practice, since 1911, for my own protection, to require the applicant to make oath to the statements, and the results have warranted the extra trouble.

The only difficulty in the administration of the new law which is liable to arise will come when both the city clerk and the assistant city clerk are out of the office, as is liable to happen. An amendment to the law, permitting a designated clerk in the office to administer oaths in connection with marriage licenses, has been presented to the legislature of 1914. The enactment of this law will remove the chance for inconvenience to applicants.

MINOR LICENSES.

I have suggested to the city council the advisability of securing special legislation, similar to that obtained by

Springfield in 1913, whereby the power exercised by the board of aldermen in the granting and issuing of minor licenses may be delegated to the city clerk.

Practical experience shows that in some cases the applicants for minor licenses are compelled to wait a month or more after application before the licenses for which they have applied can be legally issued. This is not a business-like method. There is no reason, in 99 out of 100 cases, why the application for a minor license should not be immediately granted and the license issued. Cases requiring investigation can be handled much more quickly if directly referred to the investigating officer on receipt of the application. A petition for legislation permitting the board of aldermen to so delegate their authority has been presented to the general court. If the accompanying bill is enacted, an ordinance clearly defining the extent of the delegation of the board's authority to the city clerk will follow.

There is as much need, now, as ever, for the deputation of a police officer to the particular care of minor licenses, and the recommendations of last year and the year before are renewed.

ELECTIONS.

During the year there have been three elections, the state primary, the state and municipal elections. The results of the state and municipal elections are here given.

STATE ELECTION, NOV. 4, 1913.

GOVERNOR.

Charles Sumner Bird (Progressive), Walpole,	1,915
Alfred H. Evans (Prohibition), Northampton,	46
Eugene N. Foss (Ind.), Boston,	562
Augustus P. Gardner (R.), Hamilton,	3,303
Arthur E. Reimer (Soc. Labor), Boston,	104
David I. Walsh (D.), Fitchburg,	2,973
George H. Wrenn (Soc.), Springfield,	377
Blanks and scattering,	103

LIEUTENANT GOVERNOR.

Edward P. Barry (D.), Boston,	3,030
Daniel Cosgrove (Progressive), Lowell,	1,638
August H. Goetting (R.), Springfield,	3,709
Albert J. Orem (Prohibition), Sharon,	89
Peter O'Rourke (Soc. Labor), Medford,	142
George E. Roewer, Jr. (Socialist), Boston,	450
Blanks and scattering,	325

SECRETARY.

Frank J. Donahue (D.), Boston,	3,007
William S. Kinney (R.), Boston,	3,367
John A. Nicholls (Prohibition), Boston,	166
Fred E. Oelcher (Soc. Labor), Peabody,	128
Ella M. Roberts (Soc.), Springfield,	505
Russell A. Wood (Progressive), Cambridge,	1,729
Blanks and scattering,	481

TREASURER.

Charles L. Burrill (R.), Boston,	3,617
Charles E. Fenner (Soc.), Worcester,	478
Thomas A. Frissell (Prohibition), Hinsdale,	129
Warren R. Keith (Progressive), Brockton,	1,561
Frederick W. Mansfield (D.), Boston,	2,726
Dennis McGoff (Soc. Labor), New Bedford,	320
Blanks and scattering,	552

AUDITOR.

Herbert S. Brown (Prohibition), Greenfield,	233
David Craig (Soc. Labor), Milford,	143
Octave A. LaRiviere (Progressive), Springfield,	1,409
Samuel P. Levenberg (Socialist), Boston,	511
Frank H. Pope (D.), Leominster,	2,638
John E. White (Republican), Tisbury,	3,777
Blanks and scattering,	672

ATTORNEY GENERAL.

Thomas J. Boynton (D.), Everett,	2,308
Freeman T. Crommett (Prohibition), Chelsea,	115
John McCarty (Soc.), Abington,	510
H. Huestis Newton (Progressive), Everett,	1,081
Ingvar Paulsen (Soc. Labor), Boston,	104
James M. Swift (R.), Fall River,	4,774
Blanks and scattering,	491

COUNCILLOR, 1st DISTRICT.

Charles R. Bassett (Progressive), Yarmouth,	1,385
Charles C. Connor (D.), New Bedford,	3,007
Eben S. S. Keith (R.), Bourne,	3,833
Elmer A. Wright (Soc.), Whitman,	549
Blanks and scattering,	609

SENATOR, 3d BRISTOL DISTRICT.

Frederick W. Cornish (Soc.), New Bedford,	631
Andrew P. Doyle (D., R.), New Bedford,	5,179
William A. Halliday (Progressive), New Bedford,	2,893
Blanks and scattering,	680

REPRESENTATIVES TO GENERAL COURT,

7th BRISTOL DISTRICT.

Alfred Bolton (Anti-Vaccinist), New Bedford,	365
D. Herbert Cook (R.), New Bedford,	1,946
Samuel Davies (Progressive), New Bedford,	483
John F. Hatch, Jr. (R.), New Bedford,	2,081
Albert Sawyer Lamb (Progressive), New Bedford,	662
Edward L. Murphy (D.), New Bedford,	1,631
William Ohnesorge (Soc.), New Bedford,	214
Joseph Palme (Soc.), New Bedford,	236
John J. Purcell (D.), New Bedford,	1,137
Blanks and scattering,	1,237

REPRESENTATIVE TO GENERAL COURT,

8th BRISTOL DISTRICT.

John Halliwell (R.), New Bedford,	2,171
Alfred M. King (Progressive), New Bedford,	352
Richard Knowles (R.), New Bedford,	2,106
Charles A. McAvoy (D.), New Bedford,	1,211
Milo L. Moss (Soc.), New Bedford,	278
Joseph D. Rheaume (Soc.), New Bedford,	251
James F. Robinson (D.), New Bedford,	987
Blanks and scattering,	1,418

COUNTY COMMISSIONERS.

Frank M. Chace (R.), Fall River,	4,479
Willard C. Corey (Progressive), Attleborough,	1,403
Michael Reagan (D.), Fall River,	2,627
Blanks and scattering,	874

ASSOCIATE COMMISSIONERS.

Benjamin B. Armstrong (Progressive), No. Attleborough,	2,331
Frederick A. Bartlett (Progressive), No. Attleborough,	2,388
James H. Crowell (R.), Attleborough,	4,107
John H. Nerney (R.), Attleborough,	3,554
Blanks and scattering,	6,386

DISTRICT ATTORNEY.

Joseph T. Kenney (D., R.), New Bedford,	6,772
Blanks and scattering,	2,611

REGISTER OF PROBATE AND INSOLVENCY.

Richard P. Coughlin (D.), Taunton,	3,151
Arthur F. Gehrung (Progressive), Attleborough,	959
Guilford C. Hathaway (R.), Fall River,	4,439
Blanks and scattering,	834

“Shall the proposed amendment to the Constitution making women eligible to appointment as notaries public, be approved and ratified?”

Yes,	2,892
No,	4,785
Blanks,	1,706

“Shall the proposed amendment to the Constitution, authorizing the referendum, be approved and ratified?”

Yes,	4,052
No,	2,297
Blanks,	3,034

“Shall Chapter 807 of the Acts of Nineteen Hundred and Thirteen, being an act to provide for compensating laborers, workmen and mechanics for injuries sustained in public employment and to exempt from legal liability counties and municipal corporations which pay such compensation, be accepted by the inhabitants of this county?”

Yes,	5,274
No,	2,159
Blanks,	1,950

Total number of ballots cast,	9,383
Men's names checked on voting list,	9,383

MUNICIPAL ELECTION, DEC. 2, 1913.

MAYOR.

Charles S. Ashley, Citizens Party,	5,822
Edward T. Bannon, Independent,	374
Frederick W. Cornish, Socialist,	381
Edward R. Hathaway, Fusion Party,	4,506
Blanks and scattering,	946

ALDERMAN, WARD ONE.

Aldege Chausse, Citizens Party, Fusion Party,	7,977
Victor Cousin, Socialist,	1,319
Blanks and scattering,	2,733

ALDERMAN, WARD TWO.

Marshall S. Cowen, Socialist,	497
Dennis J. Devlin, Independent,	415
Joseph R. Glennon, Citizens Party,	4,530
John Morris, Fusion Party,	5,123
Blanks and scattering,	1,464

ALDERMAN, WARD THREE.

(Amended by Recount)

John B. Lowney, Citizens Party,	5,089
Charles E. Vaughan, Fusion Party,	5,069
Blanks and scattering,	1,871

ALDERMAN, WARD FOUR.

Clifton W. Bartlett, Citizens Party,	5,981
Hugh Donaghy, Fusion Party,	4,113
Blanks and scattering,	1,935

ALDERMAN, WARD FIVE.

Arthur N. Harriman, Socialist,	698
Frank L. Rogers, Fusion Party,	3,865
Robert C. Sherman, Citizens Party,	5,673
Blanks, and scattering,	1,793

ALDERMAN, WARD SIX.

William K. Lees, Citizens Party,	5,226
Milo L. Moss, Socialist,	563
Gilbert G. Southworth, Fusion Party,	4,486
Blanks,	1,754

ASSESSOR-AT-LARGE.

Morris Cohen, Socialist,	433
Joseph H. Handford, Citizens Party,	5,731
Douglas L. McGee, Independent, Fusion Party,	3,484
Henry C. Russell, Independent,	1,036
Blanks and scattering,	1,345

SCHOOL COMMITTEE, THREE YEARS.

Clarence A. Cook, Public School Association,	4,212
William B. Geoghegan, Public School Association,	4,619
Merton L. Hathaway, Independent,	3,254
William E. Jennings, Independent,	2,734
Edward Murray, Socialist,	891
Jennie M. Rice, Socialist,	1,072
William A. Thompson, Independent,	3,140
Blanks and scattering,	4,136

COMMON COUNCILMEN, WARD ONE.

Adelard M. Boisvert, Fusion Party,	1,014
Albert Cassidy, Citizens Party,	1,072
Jeremiah Coughlin, Fusion Party,	738
Samuel A. Goodfellow, Fusion Party,	1,102
William D. Hamel, Citizens Party,	1,246
James M. Hughes, Citizens Party,	991
Jeronim J. Janak, Citizens Party,	898
George D. Lacroix, Fusion Party,	1,072
Joseph A. Niedzwiecki, Socialist,	193
Wladyslaw Surozenski, Socialist,	167
Blanks and scattering,	1,919

COMMON COUNCILMEN, WARD TWO.

James F. Collins, Citizens Party,	1,102
J. B. Walter Dion, Fusion Party,	585
Alfred Leveille, Citizens Party,	834
George W. Mahon, Fusion Party,	660
Mortimer McCarty, Citizens Party,	1,009
Thomas F. O'Hara, Fusion Party,	629
Robert S. Weaver, Citizens Party,	905
James Wood, Fusion Party,	659
Blanks and scattering,	1,929

COMMON COUNCILMEN, WARD THREE.

Marshall C. Brightman, Fusion Party,	470
Joseph H. Cullen, Independent,	144
George T. Duckworth, Citizens Party,	723
Charles W. Jones, Citizens Party,	695
Hubert S. Kelleher, Citizens Party,	788
Samuel A. Percy, Citizens Party,	694
William T. Taylor, Fusion Party,	507
James Whittaker, Fusion Party,	529
James M. Wing, Fusion Party,	511
Blanks and scattering,	1,703

COMMON COUNCILMEN, WARD FOUR.

(Amended by Recount)

Frederick J. J. Abrams, Citizens Party,	512
Frederic T. Browne, Jr., Independent,	433
Robert Burke, Citizens Party,	498
Chester W. Chase, Fusion Party,	586
James N. Conway, Citizens Party,	470
James E. Middleton, Fusion Party,	379
William J. Morrissey, Independent,	374
Thomas Otis, Fusion Party,	597
Walter H. Peirce, Citizens Party,	627
Louis N. Schuler, Fusion Party,	515
John H. P. Warfield, Independent,	184
Blanks,	1,609

COMMON COUNCILMEN, WARD FIVE.

(Amended by Recount)

Gilbert F. Almy, Fusion Party,	599
Murray F. Barrows, Citizens Party,	863
Harrison T. Borden, Fusion Party,	723
Arthur S. Francis, Citizens Party,	686
Albert C. Langshaw, Fusion Party,	567
Rossa Moriarty, Citizens Party,	815
Philip H. Sheridan, Fusion Party,	451
Herbert W. Sutton, Independent,	294
Henry E. Woodward,	710
Blanks,	1,472

COMMON COUNCILMEN, WARD SIX.

(Amended by Recount)

Samuel E. Bentley, Fusion Party,	769
Joseph H. Fernandes, Citizens Party,	893
Patrick F. Mitchell, Citizens Party,	720
James O'Rourke, Fusion Party,	705
Henry J. Parker, Fusion Party,	752
Richard Pinnington, Independent,	326
Edward Smith, Socialist,	234
Felix Tetreault, Citizens Party,	659
John Watling, Fusion Party,	772
Percy Whitworth, Socialist,	190
John T. Wilkinson, Citizens Party,	750
Blanks and scattering,	1,894

ASSISTANT ASSESSOR, WARD ONE.

Joseph A. Dionne, Citizens Party, Fusion Party,	1,627
Peter J. Ward, Independent,	697
Blanks,	279

ASSISTANT ASSESSOR, WARD TWO.

Daniel J. Sheehan, Citizens Party,	990
George W. Taylor, Fusion Party,	791
Blanks and scattering,	297

ASSISTANT ASSESSOR, WARD THREE.

Frederick A. Washburn, Citizens Party, Fusion Party,	1,219
Blanks and scattering,	472

ASSISTANT ASSESSOR, WARD FOUR.

Roland A. Leonard, Citizens Party, Fusion Party,	1,254
Blanks and scattering,	442

ASSISTANT ASSESSOR, WARD FIVE.

Frederick D. Sowle, Citizens Party, Fusion Party,	1,308
Blanks and scattering,	487

ASSISTANT ASSESSOR, WARD SIX.

Matthew Quinlan, Citizens Party, Fusion Party,	1,408
Arthur Tomlinson, Socialist,	431
Blanks,	327

Shall Chapter 807 of the Acts of Nineteen Hundred and Thirteen, being an act to provide for compensating laborers, workmen and mechanics for injuries sustained in public employment, and to exempt from legal liability counties and municipal corporations which pay such compensation, be accepted by the inhabitants of this city of New Bedford?"

Yes,	5,943
No,	2,952
Blanks,	3,134

"Shall licenses be granted for the sale of intoxicating liquors in this city?"

Yes,	6,666
No,	3,880
Blanks,	1,483

Total number of ballots cast,	12,029
Men's names checked on voting list,	11,275
Women's names checked on voting list,	754

Respectfully submitted,

W. H. B. REMINGTON,
City Clerk.

In Board of Aldermen,

Feb. 12, 1914.

Received, placed on file, ordered printed in the City Documents, and sent down for concurrence.

W. H. B. REMINGTON, City Clerk.

In Common Council,

Feb. 12, 1914.

Concurred.

CHARLES P. SAWYER, Clerk.

THE
Auditor's Annual Report

OF THE

Receipts and Expenditures

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year

1913.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, PRINTERS.
1914.

THE CITY OF NEW BEDFORD.

OFFICE OF THE CITY AUDITOR.

June 1, 1914.

The Honorable City Council :

I respectfully submit herewith a report of the receipts and expenditures of the City of New Bedford for the financial year 1913, with a statement of the bonded debt and a schedule of the city property.

CHARLES J. MCGURK,

City Auditor.

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Taxes.			
1913. Property.....	\$1,608,730.62		
Polls.....	31,912.00		
Corporations.....	152,757.99		
Street railways	19,225.63		
National bank from State.....	4,577.97		
Ships in foreign trade	10.00		
Prior Years. Property	128,633.03		
Polls.....	14,226.00		
Total.....	\$1,960,073.24		\$1,960,073.24
Licenses and Permits.			
LICENSES			
Amusements.....	\$362.50		
Auctioneers	84.00		
Billiards and bowling.....	1,410.00		
Firearms.....	100.00		
Fruit pedlers.....	1,987.50		
Gunpowder.....	2.00		
Hacks and wagons.....	218.50		
Health	43.00		
Intelligence offices.....	10.00		
Itinerant venders.....	75.00		
Junk collectors and dealers.....	428.00		
Liquor.....	83,004.75		
Milk and slaughter	263.00		
Pawnbrokers.....	300.00		
Petroleum.....	205.00		
Private detectives.....	40.00		
Sunday.....	1,490.00		
Victuallers.....	1135.00		
PERMITS			
Marriage.....	1,262.00		
Scallop.....	69.00		
Lunch cart.....	50.00		
Total.....	\$92,539.25		\$92,539.25
Fines and Forfeits.			
Court fines.....	\$3,313.59		
Total.....	\$3,313.59		\$3,313.59

RECEIPTS.

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Grants and Gifts.			
From State, reimbursement to Industrial school	\$14,711.62		
From Bristol County, dog licenses.....	4,725.22		
Total.....	\$19,436.84		\$19,436.84
Special Assessments.			
Sewer construction.....		\$35,642.76	
Total.....		\$35,642.76	\$35,642.76
Privileges.			
Street railway excise tax.....	\$11,006.01		
Total.....	\$11,006.01		\$11,006.01
Departmental.			
GENERAL GOVERNMENT.			
City clerk, fees.....	\$2,005.65		
City property, rent.....	6.00		
City property, sales.....	375.31		
City collector, fees and costs	2,818.75		
Licensing board, fees.....	193.00		
Engineering department, sales.....	656.53		
Total.....	\$6,055.24		\$6,055.24
PROTECTION OF LIFE AND PROPERTY.			
Fire department, sales.....	\$157.95		
Police department, taken from thieves.	185.40		
Sealer weights and measures, fees	992.18		
Total.....	\$1,335.53		\$1,335.53
HEALTH AND SANITATION.			
Board of health, inspection.....	\$82.00		
Board of health, reimbursements.....	7,258.25		
Quarantine physician, fees.....	116.50		
Sewers and drains, services.....	11,050.29		
Sewers and drains, miscellaneous.....	1,154.64		
Sewers, entry fees.....	540.00		
Total.....	\$20,201.68		\$20,201.68
HIGHWAYS AND BRIDGES.			
Sales of dressing and swine.....	\$523.65		
Sales of material.....	22,693.31		
Sidewalk construction.....		\$9,050.80	
Miscellaneous, private work.....	25,250.00		
Total.....	\$48,466.96	\$9,050.80	\$57,517.76

RECEIPTS.

SOURCES OF RECEIPTS.	Revenue for Expenses	Revenue for Outlays	Total
CHARITIES			
Almshouse, sale of produce.....	\$1,573.28		
Reimbursements from individuals.....	1,347.21		
Reimbursements from cities and towns	2,997.19		
Reimbursements from State.....	7,872.49		
Total.....	\$13,790.17		\$13,790.17
SOLDIERS BENEFITS.			
Burial of soldiers.....	\$777.00		
Military aid.....	2,919.00		
State aid.....	12,144.00		
Total.....	\$15,840.00		\$15,840.00
EDUCATION.			
Tuition of state wards.....	\$122.50		
Tuition of non-resident pupils.....	2,158.25		
Miscellaneous sales.....	344.14		
Industrial school, non-resident pupils	3,076.60		
Rent.....	13.90		
Total.....	\$5,715.39		\$5,715.39
LIBRARIES			
Fines..	\$783.87		
Sales.....	41.17		
Total.....	\$825.04		\$825.04
RECREATION			
Bathing houses, fees.....	\$657.18		
Park commission, rent.....	112.50		
Park commission, sales.....	161.27		
Total.....	\$930.95		\$930.95
Total Departmental.....			\$122,211.76

RECEIPTS.

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Public Service Enterprises.			
NEW BEDFORD WATER WORKS.			
Income from sale of water.....	\$281,628.05		
Miscellaneous services and sales.....	17,433.65		
Total.....	\$299,061.70		\$299,061.70
DEPARTMENT OF WHARVES.			
Wharfage.....	\$1,626.28		
Dockage.....	3,103.31		
Water.....	1,358.48		
Rents.....	1,865.68		
Total.....	\$7,953.75		\$7,953.75
Total, Public Service Enterprises.....			\$307,015.45
Cemeteries.			
Care of lots and graves.....	\$14,412.65		
Sale of lots and graves	6,355.00		
Total Cemeteries.....	\$20,767.65		\$20,767.65
Interest.			
On Kempton fund.....	\$10,770.00		
On deferred taxes.....	2,452.24		
On deposits	5,032.33		
On assessments.....	583.08		
On note discounted	250.00		
Total, Interest	\$19,087.65		\$19,087.65
SOURCES OF RECEIPTS.			
	Revenue for Expenses	Indebtedness	Total
Municipal Indebtedness.			
Temporary tax loans, notes.....		\$1,435,000.00	
Street widening loan, notes.....		200,000.00	
Sewage disposal loan, notes.....		100,000.00	
Highway loans, bonds		375,000.00	
Sewer construction loan, bonds.....		550,000.00	
Lands purchased, bonds.....		26,400.00	
Land damages, bonds		15,370.00	
Fire equipment, bonds.....		23,400.00	
Loans for miscellaneous purposes, bonds.....		102,830.00	
Premium on bonds sold.....		6,065.85	
Unpaid warrants of current year.....		666,491.54	
Total Municipal Indebtedness.....		\$3,500,557.39	\$3,500,557.39

RECEIPTS.

SOURCES OF RECEIPTS	Revenue for Expenses	Temporary Accounts	Total
Sinking Funds.			
From sinking fund commissioners to pay matured bonds.....		\$338,000.00	
Total.....		\$338,000.00	\$338,000.00
Agency and Trust Accounts.			
AGENCY			
State tax.....		\$203,296.00	
County tax.....		123,420.17	
Non-resident bank tax.....		42,828.13	
Liquor licenses for state.....		27,668.25	
TRUST			
Cemeteries, perpetual care deposits		9,825.00	
Highway deposits.....		9,132.00	
Sewer deposits.....		14,073.00	
Summons fees due collectors.....		1,474.00	
Pay roll tailings.....		220.63	
Salary advances returned		18,984.57	
Kempton fund advances returned.....		14,360.50	
Department advances returned.....		101.56	
Cash discrepancies.....		191.53	
Total.....		\$465,575.34	\$465,575.34
Refunds.			
Sundry departments.....		\$149.15	
Accrued interest.....		6,105.00	
Total.....		\$6,254.15	\$6,254.15
Total cash receipts.....			\$6,901,481.08
Service and interest transfers.....			116,971.19
Total.....			\$7,018,452.27
Cash.			
Cash at beginning of the year.....			380,376.63
Total.....			\$7,398,828.90

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
DEPARTMENTAL.			
General Government.			
CITY COUNCIL.			
Salaries of aldermen.....	\$600.00		
Salary clerk of common council.....	500.00		
Compensation of pages.....	129.00		
Advertising.....	569.13		
Carriage hire.....	516.75		
City council calendar	279.10		
City documents.....	1,021.91		
Committee expenses.....	903.07		
Expert service	2,062.00		
Flowers.....	55.00		
Furnishings	39.90		
Printing and stationery.....	222.50		
Recording deeds and filing plans	76.40		
Special services.....	87.74		
Total.....	\$7,062.50		\$7,062.50
MAYORS OFFICE.			
Salary of mayor.....	\$5,000.00		
Salary of secretary to mayor.....	1,300.00		
Advertising.....	302.14		
Carriage hire.....	206.90		
Entertainment of visitors	72.18		
Fixtures and furniture	513.05		
Miscellaneous labor and repairs	60.02		
Mileage.....	100.00		
Office expenses.....	142.80		
Printing and stationery.....	202.51		
Telephone and telegraph charges.....	182.39		
Traveling expenses.....	1,249.84		
Total.....	\$9,331.83		\$9,331.83
AUDITOR.			
Salary of auditor.....	\$2,500.00		
Salary of assistant auditor.....	1,700.00		
Clerk hire.....	1,215.50		
Adding machine exchange.....	295.85		
Office expenses.....	70.00		
Printing and stationery.....	928.33		
Telephone and tolls	30.89		
Total.....	\$6,740.57		\$6,740.57

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
TREASURER AND COLLECTOR.			
Salary of treasurer and collector.....	\$3,500.00		
Clerk hire.....	10,495.43		
Driver for paymaster.....	130.50		
Carriage hire.....	1,095.60		
Legal services.....	545.00		
Mail insurance	112.09		
Office furniture and fixtures.....	355.46		
Office and traveling expenses.....	175.18		
Postage.....	969.08		
Printing and stationery.....	1,486.04		
Surety bonds	346.00		
Telegraph and telephone charges.....	103.00		
Total.....	\$19,313.38		\$19,313.38
ASSESSORS.			
Salaries of assessors.....	\$6,000.00		
Compensation of assisitant assessors....	2,867.87		
Clerk hire.....	5,327.98		
Advertising.....	56.80		
Carriage hire.....	305.50		
Filing case.....	151.00		
Printing and stationery.....	1,508.41		
Office and traveling expenses	171.85		
Special services.....	45.00		
Telephone charges.....	49.13		
Total.....	\$16,483.54		\$16,483.54
CITY CLERK.			
Salary of city clerk.....	\$2,700.00		
Salary of assistant city clerk.....	1,500.00		
Clerk hire	5,869.20		
Advertising.....	298.77		
Freight and express.....	23.56		
Furniture and furnishings.....	161.95		
License badges and plates.....	70.70		
Minor repairs	73.38		
Office and traveling expenses.....	208.83		
Postage, printing and stationery.....	1,675.58		
Posting notices.....	66.00		
Newspapers and periodicals.....	35.43		
Surety bond	20.00		
Telephone and tolls.....	96.91		
Typewriters and repairs	492.40		
Total.....	\$13,292.71		\$13,292.71
CITY CLERK, VAULT.			
Contractor.....		\$850.00	
Total.....		\$850.00	\$850.00

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CLERK OF COMMITTEES.			
Salary clerk of committees.....	\$1,500.00		
Stenographer and clerk.....	1,092.00		
Miscellaneous supplies.....	48.74		
Office expenses.....	81.52		
Municipal manual.....	199.55		
Postage, printing and stationery.....	295.76		
Special services.....	126.50		
Telephone and tolls.....	133.87		
Total.....	\$3,477.94		\$3,477.94
CITY MESSENGER.			
Salary of messenger.....	\$500.00		
Pay rolls, municipal building.....	16,007.65		
Bell ringing, Independence day.....	59.00		
Boiler inspection.....	15.00		
Decorating building.....	178.63		
Engine room supplies.....	992.23		
Freight and express.....	17.29		
Fuel.....	3,511.45		
Furniture and furnishings.....	29.20		
Hardware and tools.....	241.96		
Ice.....	288.00		
Janitor supplies.....	702.61		
Laundry.....	251.75		
Lighting.....	941.11		
Machinery repairs.....	156.47		
Miscellaneous supplies.....	354.91		
Printing and stationery.....	237.34		
Stock and labor, additions and repairs.....	1,497.73		
Telegraph and telephone charges.....	481.89		
Travelling expenses.....	127.60		
Water rates.....	293.57		
Total.....	\$26,885.39		\$26,885.39
CITY SOLICITOR.			
Salary of solicitor.....	\$2,500.00		
Books.....	12.00		
Disbursements for expenses.....	367.66		
Expert fees.....	295.00		
Stenography.....	31.16		
Telephone and tolls.....	107.47		
Total.....	\$3,313.29		\$3,313.29

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
ELECTIONS.			
Pay of precinct officers.....	\$2,964.00		
Clerical services.....	66.08		
Janitor and watchman.....	19.00		
Advertising.....	472.32		
Carriage hire.....	290.00		
Fitting ballot boxes.....	58.64		
Fitting polling places.....	211.82		
Heating and lighting polling places...	167.44		
Posting notices and specimen ballots ..	84.00		
Printing and stationery.....	1,365.72		
Rent of polling places.....	900.00		
Total.....	\$6,599.02		\$6,599.02
REGISTRARS OF VOTERS.			
Salaries of registrars.....	\$1,497.85		
Clerk hire.....	826.89		
Advertising.....	234.14		
Carriage hire and carting.....	6.50		
Furniture and furnishings.....	67.21		
Flowers.....	10.00		
Legal services.....	50.00		
Lunches.....	13.65		
Posting voting lists.....	20.00		
Printing and stationery.....	1,124.50		
Telephone and tolls.....	65.29		
Typewriter.....	99.50		
Total.....	\$4,015.53		\$4,015.53
LICENSING BOARD.			
Salaries of the board.....	\$1,500.00		
Clerk hire.....	692.10		
Advertising.....	28.06		
Carriage hire.....	55.00		
Furniture.....	17.75		
Office expenses.....	35.15		
Printing and stationery.....	226.55		
Telephone and tolls.....	29.62		
Total.....	\$2,584.23		\$2,584.23
ENGINEERING.			
Salary of city engineer.....	\$2,500.00		
Compensation of assistants.....	13,642.24		
Other engineers.....	625.87		
Clerk hire.....	1,094.70		
Advertising.....	28.11		
Books and stationery.....	448.62		
Car tickets.....	521.00		
Drawing supplies.....	514.18		
Freight and express.....	12.38		

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Furniture and furnishings.....	\$29.00		
Instruments and appliances.....	91.98		
Office supplies and expenses.....	222.30		
Stock and labor, miscellaneous.....	27.16		
Telephone and tolls.....	113.23		
Total.....	\$19,870.77		\$19,870.77
SUPERINTENDENT OF PUBLIC BUILDINGS AND INSPECTOR OF BUILDINGS.			
Salary of superintendent and inspector	\$2,500.00		
Compensation of assistants.....	3,716.25		
Clerk hire.....	1,404.00		
Automobile maintenance.....	783.14		
Car tickets.....	110.00		
Furniture and furnishings.....	85.70		
Office and traveling expenses.....	70.70		
Printing and stationery.....	350.85		
Stock and labor.....	74.28		
Telegraph and telephone charges.....	83.86		
Total.....	\$9,178.78		\$9,178.78
CITY PROPERTY COMMITTEE.			
Advertising.....	\$161.04		
Carriage hire and carting.....	19.16		
Almshouse, repairs.....	226.95		
Gravel lot, sewer.....		\$ 59.06	
Hathaway playground, labor.....	339.50		
Hathaway playground, grading.....		79.59	
Hathaway playground, apparatus.....		12.00	
Hathaway playground, sewer.....		95.18	
Hathaway playground, sidewalk.....		442.28	
Hathaway playground, water service..		350.97	
Municipal building, architect.....		144.34	
Municipal building, sidewalk.....		721.53	
Municipal building, repairs.....	439.57		
Police stations, repairs,.....	724.56		
School buildings, firemans' wages.....	45.00		
School buildings, fuel.....	175.03		
School buildings, sewer.....		410.06	
School buildings, furnishings.....		250.00	
School buildings, stock and labor... .	18.83		
School buildings, water supplies.....	199.60		
Skating pond, stock and labor.....	178.23		
Skating pond, supplies.....	47.47		
Ward rooms, land rent.....	223.00		
Ward rooms, repairs.....	150.63		
Ward rooms, light and water.....	18.89		
Total.....	\$2,967.46	2,565.01	\$5,532.47

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
MUNICIPAL BUILDING.			
General contractor.....		\$325.00	
Curbing.....		402.99	
Furniture.....		60.00	
Grading.....		97.05	
Pleasant street entrance.....		956.75	
Total.....		\$1,841.79	\$1,841.79
MUNICIPAL BUILDING ALTERATIONS.			
Contractor.....		\$3,465.45	
Total.....		\$3,465.45	\$3,465.45
LAND, TARKILN HILL ROAD.			
Land for general purposes.....		\$7,000.00	
Total.....		7,000.00	\$7,000.00
Total, General Government.....			\$166,839.19

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Protection of Life and Property.			
POLICE DEPARTMENT.			
Pay rolls, weekly department.....	\$166,060.72		
Pay rolls, reserve police.....	9,042.15		
Pay rolls, quarantine police.....	4,746.23		
Keeper of lockup.....	99.96		
Vacation matron.....	28.00		
Labor, women's lockup.....	108.00		
Automobile insurance.....	72.18		
Bicycle repairs.....	108.37		
Boat hire.....	368.00		
Carriage hire and carting.....	1,143.62		
Damages repaired.....	10.00		
Disbursements by chief.....	215.80		
Fuel.....	1,038.64		
Furniture and furnishings.....	73.84		
Ice.....	122.87		
Janitor supplies.....	247.39		
Laundry.....	115.66		
Lighting.....	846.37		
Meals for prisoners.....	393.75		
Medical and surgical services and supplies.....	17.85		
Printing and stationery.....	334.03		
Repairs to stations.....	320.90		
Rent, pound lot.....	25.00		
Rent of women's lock-up.....	221.21		
Signal system, motor maintenance....	409.91		
Signal system, maintenance of horses..	376.54		
Signal system, equipment and repairs..	2,299.85		
Traveling expenses.....	111.76		
Telegraph and telephone charges.....	866.12		
Uniform repairs, equipment and insignia	230.87		
Water rates.....	143.70		
Total.....	\$190,199.29		\$190,199.29
FIRE DEPARTMENT.			
Pay rolls, engineer and clerk.....	\$4,900.00		
Pay rolls, permanent men.....	99,606.90		
Pay rolls, call men.....	23,467.29		
Protecting society.....	200.00		
Advertising, printing and stationery..	832.72		
Badges and insignia.....	5.00		
Committee expenses.....	723.44		
Equipment supplies.....	1,609.42		
Freight and express charges.....	88.39		
Fuel.....	3,586.85		
Furniture and furnishings.....	1,212.94		
Harness repairs and supplies.....	147.60		
Horse board and auto keep.....	600.00		
Horse maintenance.....	6,162.07		

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Laundry.....	\$134.63		
Lighting.....	1,461.83		
New hose.....	130.53	\$1,700.00	
Repair of apparatus	290.74		
Repair of stations	2,476.90		
Signal system, repairs and supplies....	3,909.02		
Supplies, miscellaneous.....	1,629.02		
Telephone and telegraph charges	650.48		
Water for stations.....	308.29		
Total.....	\$154,134.06	\$1,700.00	\$155,834.06
FIRE EQUIPMENT.			
New motor apparatus.....		\$18,000.00	
New signal boxes.....		1,250.00	
Total.....		\$19,250.00	\$19,250.00
MILITIA.			
Boat station expenses	\$15.86		
Carriage hire.....	11.00		
Expenses qualifying marksmen.....	641.78		
Targets and stickers.....	19.70		
Total.....	\$688.34		\$688.34
INSPECTOR OF WIRES.			
Salary of inspector	\$1,500.00		
Compensation of assistants.....	2,000.96		
Clerk hire.....	520.00		
Advertising, printing and stationery..	270.64		
Carriage hire and car tickets.....	318.25		
Office furnishings and supplies.....	218.39		
Telephones and tolls.....	78.51		
Traveling expenses.....	84.25		
Stock and labor.....	19.11		
Total.....	\$5,010.11		\$5,010.11
SEALER OF WEIGHTS AND MEASURES.			
Salary city sealer.....	\$1,200.00		
Advertising, printing and stationery...	111.65		
Convention expenses.....	89.00		
Office rent	218.00		
Office expenses.....	13.79		
Teaming.....	509.50		
Telephone.....	24.00		
Tools and seals	33.69		
Total.....	\$2,199.63		\$2,199.63

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CITY FORESTRY.			
Pay rolls, labor.....	\$3,846.62		
Expert service	90.00		
Advertising and printing.....	8.62		
Chemicals	4.70		
Damages repaired	19.08		
Teaming and labor.....	541.79		
Tools and repairs	205.32		
Total.....	\$4,716.13		\$4,716.13
Total, Protection of Life and Property			\$377,897.56

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Health and Sanitation.			
BOARD OF HEALTH.			
Salaries of the board.....	\$1,500.00		
Clerk hire.....	1,602.00		
Agent, salary.....	2,166.66		
Bacteriologist, salary	1,000.00		
Department nurses, wages.....	903.00		
Health officer, salary.....	1,100.00		
Medical inspector, salary.....	1,000.00		
Milk and provision inspector, salary..	1,200.00		
Milk collectors and fumigators, wages..	1,845.00		
Plumbing inspectors, salaries	3,144.21		
School inspectors, salaries.....	4,000.00		
School employment inspector, salary..	800.00		
School nurses, wages.....	540.00		
Slaughter inspector, salary.....	538.41		
Advertising.....	129.55		
Beach cleaning	1,108.00		
Carriage hire and car tickets.....	1,087.35		
Chemicals and medical supplies.....	1,145.26		
Freight and express charges.....	20.04		
Garbage removal, contractor.....	25,500.00		
Office fixtures and expenses.....	362.81		
Printing and stationery.....	474.44		
Telephone and telegraph charges.....	254.52		
Towboat charges.....	110.00		
Traveling expenses.....	512.19		
Vaccinations, physicians.....	1,223.00		
Contagious diseases, cab hire.....	95.00		
" " compensation.....	2,823.93		
" " furnishings.....	110.36		
" " hospitals	1,068.12		
" " nurses.....	840.87		
" " physicians	2,221.80		
" " police charges	5,269.73		
" " other towns.....	841.19		
" " rents.....	50.25		
" " state charges.....	191.00		
" " supplies.....	990.98		
Isolation hospital, furnishings.....	238.73		
" " nurses.....	598.04		
" " repairs	242.36		
" " supplies	1,290.33		
" " wages.....	1,286.20		
Tuberculosis, hospitals.....	22,204.28		
" nurses.....	428.50		
" other towns.....	318.53		
" physicians.....	20.00		
" rents.....	139.94		
" supplies	1,323.79		
Pest house, attendants and nurses.....	1,002.23		
" repairs.....	152.96		
" supplies.....	790.99		
Total.....	\$97,806.55		\$97,806.55

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CITY PHYSICIAN.			
Salary of city physician.....	\$550.00		
Total.....	\$550.00		\$550.00
DENTAL CLINIC.			
Attendant and care taker.....	\$270.60		
Equipment and supplies.....	128.85		
Rent.....	144.00		
Telephone.....	22.00		
Total.....	\$565.45		\$565.45
SHELLFISH COMMISSION.			
Share of deficit.....	\$1,091.48		
Total.....	\$1,091.48		\$1,091.48
VITAL STATISTICS.			
Advertising.....	\$68.25		
Birth and death returns.....	1,439.50		
Canvass by city clerk.....	514.15		
Printing and stationery.....	110.25		
Total.....	\$2,132.15		\$2,132.15
SEWERS AND DRAINS.			
Pay rolls, labor.....	\$30,453.88		
Boiler insurance.....	70.00		
Boiler repairs.....	192.95		
Castings.....	1,068.27		
Cement.....	2,937.45		
Damages repaired.....	43.89		
Explosives.....	296.53		
Freight and express charges.....	67.56		
Iron reinforcement.....	147.83		
Lumber.....	219.05		
Machines and repairs.....	504.00	\$405.60	
Miscellaneous supplies.....	1,059.98		
Motor repairs and maintenance.....	498.53		
Pipe.....	12,609.11		
Sewer rebates.....	70.00		
Stock and labor, highways account.....	20,269.29		
Stock, sewer construction account.....	327.93		
Tools and repairs.....	649.30		
Water.....	503.88		
Total.....	\$71,989.43	\$405.60	\$72,395.03

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SEWER CONSTRUCTION, C. 184, 1907.			
Pay rolls, labor		\$9,112.85 ✓	
Cement		422.00	
Hardware and tools		86.35	
Lumber		70.44	
Machines repaired		82.12	
Pipe		2,019.03	
Sewer rebates		134.71	
Stock and labor, highways account...		3,098.86 ✓	
Stock and labor, sewers and drains account		187.01	
Supplies, miscellaneous		29.23	
Total		\$15,242.60	\$15,242.60
SEWER CONSTRUCTION, C. 131, 1911.			
Pay rolls, labor		\$6,756.28 ✓	
Pipe		874.34 ✓	
Stock and labor, highways account...		768.56 ✓	
Stock and labor, sewers and drains account		4,336.42 ✓	
Stock and labor, other accounts		15.79	
Total		\$12,751.39	\$12,751.39
SEWER CONSTRUCTION, C. 76, 1912.			
Pay rolls, labor		\$63,906.44 ✓	
Brick and cement		2,016.64	
Explosives		815.07	
Fuel		645.85	
Hardware and tools		342.30	
Lumber		1,237.40	
Machine hire		300.00	
Machine repairs		300.65	
Pipe		724.52	
Sand		413.53	
Stock and labor, highways account...		5,036.77	
Stock and labor, sewers and drains account		11,189.55	
Stock, sewage disposal account		2.70	
Supplies, miscellaneous		89.54	
Total,		\$87,020.96	\$87,020.96
SEWER CONSTRUCTION, C. 183, 1913.			
Pay rolls, labor		\$54,532.28 ✓	
Cement		1,610.99	
Explosives		239.34	
Hardware and tools		308.44	
Lumber		920.51	
Machine repairs		384.19	
Pipe		17,526.13	
Railroad change, charges		142.72	

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Sand,.....		234.09	
Stock and labor, highways account...		7,106.64	
Stock and labor, sewers and drains account.....		5,284.27	
Stock and labor, other sewer accounts		743.30	
Stock and labor, water works.....		82.49	
Supplies, miscellaneous.....		190.86	
Total.....		\$89,306.25	\$89,306.25
SEWAGE DISPOSAL, C. 474, 1910.			
Pay rolls, engineering and inspection..		\$12,462.41	
Pay rolls, labor.....		60,037.04	
Consulting engineer, salary.....		2,146.99	
Advertising, printing and stationery...		256.92	
Castings.....		2,823.24	
Cement.....		6,596.53	
Contractor, J. W. Bishop Co.....		28,561.63	
Contractor, H. T. Bulman Corporation		4,982.20	
Contractor, F. A. Gammino.....		88,681.31	
Contractor, P. McGovern.....		17,325.25	
Divers and tenders.....		73.00	
Electric equipment.....		1,645.89	
Electric power.....		930.27	
Elevator.....		300.00	
Explosives.....		886.10	
Freight and carting.....		764.99	
Fuel.....		1,429.55	
Hardware and tools.....		1,802.37	
Iron reinforcement.....		4,002.59	
Land, Cove road.....		1,500.00	
Oil.....		110.69	
Pumps.....		1,229.00	
Rent, cableway.....		2,150.00	
Rent, land.....		251.58	
Sand.....		2,319.71	
Sand separators.....		1,500.00	
Sewer forms.....		826.32	
Sewer pipe.....		2,805.72	
Sluice gates.....		6,410.45	
Steam fitting and piping.....		1,133.73	
Stock and labor, outside mechanics.....		1,803.50	
Stock and labor, highways account...		5,932.56	
Stock and labor, sewers and drains account.....		614.74	
Stock and labor, water works account.		2,620.43	
Supplies, miscellaneous.....		2,011.87	
Telephone and telegraph charges.....		117.31	
Timber.....		1,896.70	
Transportation.....		377.25	
Total.....		\$271,319.84	\$271,319.84
Total, Health and Sanitation.....			\$650,181.70

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Highways and Bridges.			
HIGHWAYS.			
Pay rolls, salaries and office.....	\$8,778.98	\$101,379.02	
Pay rolls, labor and teaming.....	206,769.53		
Automobile maintenance.....	5,744.21	17,431.35	
Buildings repaired.....	1,086.01		
Curbing, new and repaired.....	1,446.49		
Collecting ashes.....	838.24		
Dust preventative.....	23,789.12	4,981.46	
Equipment.....	9,221.41		
Fences.....	242.43	30,911.95	
Filling and grading.....	1,745.43		
Gutters.....	220.93	103,001.21	
Macadam.....	18,033.66		
Office expenses.....	1,466.13	10,604.25	
Paving, new and repaired.....	1,282.96		
Snow removal charges.....	170.19		
Street cleaning.....	6,724.13		
Sidewalks, new and repaired.....	12,908.57		
Tools.....	2,796.93		
Water.....	627.45		
Miscellaneous service and supplies...	3,448.15		
Stock, labor and teaming, private ac't.	24,618.06		
Total.....	\$331,959.01	\$268,309.24	\$600,268.25
BRIDGES.			
Pay rolls, labor.....	\$6,139.50		
Advertising.....	15.13		
Electric power.....	180.75		
Furnishings and repairs.....	38.38		
Grease and oil.....	184.40		
Lumber.....	851.50		
Paint stock.....	173.45		
Repairs, miscellaneous.....	650.05		
Supplies, miscellaneous.....	19.13		
Telephone.....	48.69		
Tools.....	40.67		
Stock, labor and teaming, other accounts and persons.....	591.30		
Total.....	\$8,932.95		\$8,932.95
COGGESHALL STREET BRIDGE, REPAIRS.			
Pay rolls, engineering.....	\$1,868.08		
Expert service and inspection.....	499.83		
Express and telephone charges.....	7.05		
Total.....	\$2,374.96		\$2,374.96
LAND DAMAGES, HIGHLAND STREET.			
Award.....		\$456.20	
Total.....		\$456.20	\$456.20

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
LAND DAMAGES, WHITMAN STREET.			
Award.....		\$800.00	
Total.....		\$800.00	\$800.00
STREET LIGHTING.			
Advertising and printing.....	\$25.28		
Carriage hire.....	82.00		
Electric arc lights.....	41,103.03		
Electric incandescent lights.....	6,183.74		
Gas lights.....	41,762.56		
Naphtha lights.....	9,705.97		
Lighting draw bridge.....	60.00		
Moving lights and posts.....	94.68		
New cable.....	45.35		
New posts.....		\$428.75	
Total.....	\$99,062.61	\$428.75	\$99,491.36
APPRAISERS, STREET WIDENINGS.			
Purchase Street.....		\$677.94	
Union Street.....		322.06	
Total.....		\$1,000.00	\$1,000.00
WIDENING PURCHASE STREET.			
Award of damages.....		\$373,885.72	
Central engine house expenses.....		1,524.05	
Total.....		\$375,409.77	\$375,409.77
WIDENING PLEASANT STREET.			
Awards of damages.....		\$15,370.00	
Total.....		\$15,370.00	\$15,370.00
WIDENING SIXTH STREET.			
Awards of damages.....		\$19,953.35	
Total.....		\$19,953.35	\$19,953.35
WIDENING UNION STREET.			
Awards of damages.....		\$119,092.35	
Total.....		\$119,092.35	\$119,092.35
HARBOR MASTER.			
Salary of harbor master.....	\$300.00		
Use of boat.....	52.00		
Total.....	\$352.00		\$352.00
Total, Highways and Bridges			\$1,243,501.19

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Charities.			
POOR DEPARTMENT.			
Salaries, overseers and secretary.....	\$2,699.72		
Salaries, clerks and visitors.....	2,809.64		
Office expenses.....	1,203.69		
Almshouse, salaries and wages.....	13,547.84		
Almshouse, maintenance charges.....	23,796.93		
Outside relief, burials.....	1,630.00		
“ “ cash.....	1,510.50		
“ “ clothing.....	245.98		
“ “ homes.....	549.00		
“ “ hospitals.....	4,320.62		
“ “ other cities and towns..	2,482.05		
“ “ physicians' salaries.....	1,800.00		
“ “ physicians and medicines	1,534.40		
“ “ provisions.....	15,738.29		
“ “ state charges.....	1,280.87		
“ “ transportation.....	157.08		
“ “ fuel depot, carting.....	713.25		
“ “ fuel depot keeper.....	749.00		
“ “ fuel depot, fuel.....	433.27		
“ “ rent fuel depot.....	200.00		
“ “ fuel depot, expenses.....	110.13		
Total.....	\$77,512.26		\$77,512.26
ALMSHOUSE ALTERATIONS.			
Payment to contractor.....	\$3,405.10		
Total.....	\$3,405.10		\$3,405.10
Total, Charities.....			\$80,917.36

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Soldiers Benefits.			
BURIAL OF SOLDIERS.			
Burial agents.....	\$44.00		
Undertakers.....	913.00		
Total.....	\$957.00		\$957.00
MILITARY AID.			
Cash disbursements	\$4,859.00		
Total.....	\$4,859.00		\$4,859.00
SOLDIERS RELIEF.			
Salary of agent.....	\$936.00		
Salaries of physicians	960.00		
Board.....	109.03		
Cash disbursements.....	12,494.00		
Fuel.....	2,043.82		
Medical attendance.....	78.35		
Medical and surgical supplies.....	537.48		
Nursing.....	48.00		
Office expenses.....	141.61		
Provisions	8,462.00		
Total.....	\$25,810.29		\$25,810.29
STATE AID.			
Cash disbursements.....	\$11,586.00		
Total.....	\$11,586.00		\$11,586.00
Total, Soldiers Benefits.....			\$43,212.29

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Education.			
PUBLIC SCHOOLS, PAY OF TEACHERS.			
Salaries, day schools.....	\$318,798.66		
Compensation, evening schools	8,470.50		
Total.....	\$327,269.16		\$327,269.16
PUBLIC SCHOOLS, INCIDENTALS.			
Salary of superintendent.....	\$ 4,000.00		
All other salaries.....	48,498.24		
Books and stationery supplies	15,874.67		
Cooking school expenses.....	689.42		
County training school.....	335.75		
Freight and carting.....	611.81		
Fuel.....	19,717.50		
Furniture and furnishings.....	1,231.50		
Janitor supplies.....	2,156.04		
Lighting.....	1,529.15		
Manual training school expenses.....	658.80		
Printing and advertising.....	1,210.09		
Transportation.....	1,014.40		
Water rates.....	3,680.33		
Miscellaneous.....	1,502.86		
Total.....	\$102,710.56		\$102,710.56
PUBLIC SCHOOLS, REPAIRS OF BUILDINGS			
Care of grounds.....	\$735.00		
Carpentry.....	116.84		
Department mechanics supplies.....	1,063.28		
Electric repairs.....	473.91		
Heating and lighting.....	845.75		
Lock and key fitting.....	47.85		
Masonry.....	1,395.15		
Painting and glazing.....	1,275.46		
Plumbing.....	597.94		
Roofing.....	676.26		
Total.....	\$7,227.44		\$7,227.44
PUBLIC SCHOOLS, DARTMOUTH STREET REPAIRS.			
Contractor	\$1,541.00		
Total.....	\$1,541.00		\$1,541.00
PUBLIC SCHOOLS, DOG FUND.			
Address.....	\$50.00		
Athletic supplies.....	57.00		
Books, maps and models.....	48.97		
Car tickets.....	80.00		
Flags, poles and repairs.....	224.75		
Mileage	100.00		
Military equipment and repairs.....	60.02		

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Orchestras and music.....	185.24		
Picture machine, installation.....	86.92		
Postage and box rent.....	157.34		
School census charges.....	616.00		
Traveling expenses.....	88.90		
Total.....	\$1,755.14		\$1,755.14
PUBLIC SCHOOLS, S. A. HOWLAND FUND.			
Art objects.....	\$406.87		
Books.....	1,143.95		
Lectures.....	44.15		
Music and care of pianos.....	104.78		
Periodicals	295.46		
Total.....	\$1,995.21		\$1,995.21
PUBLIC SCHOOLS, BOURNE PRIZE FUND.			
Cash prizes for essays.....	\$60.00		
Total.....	\$60.00		\$60.00
HIGH SCHOOL.			
Electric contract.....		\$4,244.72	
General contract.....		300.00	
Heating and ventilating contract.....		7,013.99	
Total.....		\$11,558.71	\$11,558.71
HIGH SCHOOL, ALTERATIONS.			
Appraisers		\$307.22	
Contractor		5,304.89	
Total.....		\$5,612.11	\$5,612.11
HIGH SCHOOL, AWARD.			
Interest on award of appraisers.....		\$166.86	
Total.....		\$166.86	\$166.86
HIGH SCHOOL, FURNISHINGS.			
New furnishings.....		\$20,053.69	
Total.....		\$20,053.69	\$20,053.69
HIGH SCHOOL, LABORATORY EQUIPMENT			
Construction work, contractor.....		\$2,377.00	
Total.....		\$2,377.00	\$2,377.00
ALLEN STREET SCHOOL, FURNISHINGS.			
New furnishings.....		\$84.70	
Total.....		\$84.70	\$84.70

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
ALLEN STREET SCHOOL, GRADING. Contractor.		\$1,260.00	
Total.		\$1,260.00	\$1,260.00
KATHERINE STREET SCHOOL, GRADING Contractor.		\$1,713.96	
Total.		\$1,713.96	\$1,713.96
SCHOOL FIRE ESCAPES. Contractor.		\$667.28	
Total.		\$667.28	\$667.28
SCHOOL PURPOSES, C. 123 of 1911. Architect..... Contractor		\$50.00 96,354.30	
Total.		\$96,404.30	\$96,404.30
NEW BEDFORD INDUSTRIAL SCHOOL. Pay rolls, director, instructors and clerk Clerical services..... Watchman and janitor..... Compensation of pupil care-takers.... Advertising, printing and stationery... Belting supplies..... Chemicals and electric supplies..... Equipment, machinery and furniture... Express, freight and carting..... Fuel..... Grocery supplies..... Hardware, iron and steel..... Insurance	\$21,939.25 214.75 130.90 702.99 981.19 122.76 1,558.79 185.45 1,288.31 570.90 2,207.89 50.00 732.92 20.25 597.50 2,975.46 670.12 54.04 206.66 593.29 110.77 3,000.00 123.03 180.90	\$5,033.63	
Total.	\$39,218.12	\$5,033.63	\$44,251.75
NEW BEDFORD TEXTILE SCHOOL. Trustees, New Bedford textile school.	\$10,000.00		
Total.	\$10,000.00		\$10,000.00
Total, Education			\$636,708.87

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Libraries.			
FREE PUBLIC LIBRARY			
Salaries and wages.....	\$21,501.93		
Car tickets.....	70.00		
Carting.....	49.58		
Freight and express charges	162.76		
Furniture and furnishings	617.00		
Laundry.....	27.55		
Lighting	436.47		
Printing and advertising.....	675.65		
Postage and box rent.....	84.62		
Statue dedication expense.....	84.70		
Stock and labor, repairs and fixtures..	487.84		
Stationery supplies.....	351.45		
Supplies, miscellaneous	210.78		
Telephone and tolls	53.23		
Traveling expense	39.17		
Uniforms for pages.....	59.00		
Water rates.....	83.68		
Total.....	\$24,995.41		\$24,995.41
LIBRARY, DOG FUND.			
Salaries and wages	\$3,935.49		
Cards.....	42.30		
Furniture and furnishings.....	89.00		
Freight and express charges.....	29.95		
Heating charges, branches	638.77		
Lighting.....	92.43		
Membership fee.....	5.00		
Printing and advertising	109.04		
Supplies, miscellaneous	32.52		
Stock and labor, repairs and fixtures ..	243.08		
Telephone and tolls.....	6.99		
Trucking exhibits	100.00		
Total.....	\$5,324.57		\$5,324.57
LIBRARY, G. HOWLAND, JR. FUND.			
Books.....	\$91.80		
Total.....	\$91.80		\$91.80
LIBRARY, S. A. HOWLAND FUND.			
Books.....	\$1,371.37		
Lectures.....	975.55		
Music.....	25.32		
Pictures.....	19.80		
Printing and binding.....	162.28		
Total.....	\$2,554.32		\$2,554.32

PAYMENTS.

OBJECTS OF PAYMENTS.	Expenses	Outlays	Total
LIBRARY, KEMPTON FUND.			
Books, newspapers and periodicals...	\$8,338.91		
Binding.....	2,262.23		
Cards.....	40.00		
Pictures.....	330.96	\$3,000.00	
Total.....	\$10,972.10	\$3,000.00	\$13,972.10
LIBRARY, C. L. WOOD FUND.			
Books.....	\$74.26		
Total.....	\$74.26		\$74.26
Total, Libraries.....			\$14,046.36

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Recreation.			
PARK COMMISSION.			
Pay rolls, labor and superintendence..	\$21,927.53		
Advertising, printing and stationery..	566.18		
Animals and animal supplies.....	1,405.46		
Architect fees.....		\$325.14	
Athletic fixtures.....	79.75		
Care taking and catering.....	134.00		
Care Triangle park.....	50.00		
Carriage hire and car tickets.....	164.25		
Comfort station, new.....		2,726.00	
Dressing.....	84.91		
Flags, poles and repairs.....	125.98		
Fountains and repairs.....	183.85		
Freight and carting.....	65.14		
Furniture and furnishings.....	380.89		
Fuel.....	166.50		
Hardware and tools.....	521.00		
Land rent.....	240.00		
Lighting.....	437.34		
Loam and filling.....	1,502.68		
Lumber.....	592.56		
Paint supplies.....	173.92		
Plants, seeds and shrubs.....	141.92		
Sewer assessment	45.86		
Shelter house, new		5,498.75	
Stock and labor, miscellaneous.....	3,828.45		
Supplies, miscellaneous.....	114.70		
Teaming.....	845.14		
Telephones.....	149.18		
Traveling expenses.....	123.39		
Water supply.....	1,673.44		
Workshop, new.....		1,388.00	
Total.....	\$35,724.02	\$9,937.89	\$45,661.91
LAND, BUTTONWOOD PARK.			
New land purchased.....		\$19,332.29	
Total.....		\$19,332.29	\$19,332.29
BATHING HOUSES.			
Pay rolls, attendants.....	\$890.33		
Advertising.....	32.03		
Carting.....	8.50		
Insurance.....	30.00		
Land rent.....	400.00		
Laundry.....	543.17		
Lighting.....	11.94		
Stock and labor, fitting.....	193.84		
Supplies, miscellaneous.....	429.79		
Water supply.....	22.72		
Total.....	\$2,562.32		\$2,562.32

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SUNDAY BAND CONCERTS.			
Payments to bands.....	\$1,969.00		
Total.....	\$1,969.00		\$1,969.00
PLAYGROUNDS.			
Pay rolls, attendants.....	\$3,004.50		
Apparatus and fixtures.....	265.81		
Car hire.....	58.50		
Carting.....	10.00		
Clearing field.....	35.00		
Repairs and supplies.....	66.81		
Sand.....	55.23		
Total.....	\$3,495.85		\$3,495.85
HATHAWAY PLAYGROUND.			
Apparatus.....		\$565.00	
Architect.....		186.50	
Covered slide.....		470.90	
Iron fence.....		1,491.00	
Shelter house.....		1,475.00	
Wading pool.....		400.00	
Total.....		\$4,588.40	\$4,588.40
Total, Recreation,			\$77,609.77

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Unclassified.			
CITY CLOCK.			
Salary of superintendent.....	\$150.00		
Lighting clock tower	216.00		
Rent of clock tower.....	120.00		
Total.....	\$486.00		\$486.00
COMMITTEE ON CLAIMS.			
Payments in settlement of claims for damages.....	\$424.15		
Total.....	\$424.15		\$424.15
COURT JUDGMENTS.			
Payment on court executions for land damages		\$17,100.47	
Total.....		\$17,100.47	\$17,100.47
PREMIUMS ON BONDS.			
Legal opinions.....	\$330.00		
Mileage.....	40.00		
Printing.....	93.50		
Total.....	\$463.50		\$463.50
MEMORIAL DAY.			
Advertising, printing and stationery...	\$180.23		
Care of graves.....	13.00		
Carriages and carting.....	158.00		
Flowers and flag decorations.....	258.51		
Horse hire.....	33.00		
Music.....	350.00		
Painting.....	49.23		
Miscellaneous.....	29.00		
Total.....	\$1,070.97		\$1,070.97
LABOR SERVICE.			
Compensation of registrar.....	\$650.00		
Minor repairs.....	2.15		
Printing and stationery.....	18.48		
Total.....	\$670.63		\$670.63
LICENSE REBATES.			
Pool license fees returned.....	\$8.00		
Total.....	\$8.00		\$8.00
Total, Unclassified.....			\$20,223.72

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Public Service Enterprises.			
NEW BEDFORD WATER WORKS.			
Salaries and wages.....	\$72,361.96	\$28,545.09	
Bonds paid.....	21,000.00		
Extensions.....		60,583.29	
Forestry.....	4,149.14		
Interest on water debt.....	76,440.00		
Lands and buildings.....	8,532.62	2,203.11	
Maintenance charges.....	14,509.61		
Rebates.....	3,599.76		
Sinking funds, water debt.....	27,930.00		
Total.....	\$228,604.09	\$91,331.49	\$319,935.58
NEW BEDFORD WATER WORKS, C. 75, 1912, EXTENSIONS.			
Pay rolls, labor.....		\$3,811.62	
Brick and cement.....		151.22	
Carting.....		17.80	
Castings and hardware.....		158.87	
Lumber.....		120.74	
Pipe.....		1,831.67	
Street repairs.....		846.16	
Supplies, miscellaneous.....		37.43	
Travel and inspection.....		50.93	
Total.....		\$7,026.44	\$7,026.44
DEPARTMENT OF WHARVES.			
Wages and fees.....	\$797.62		
Advertising and printing.....	39.23		
Bonds paid.....	3,000.00		
Filling.....	50.00		
Furnishings.....	30.30		
Interest on wharf debt.....	3,540.00		
Lighting.....	38.81		
Repairs.....	173.83		
Sinking funds, wharf debt.....	1,061.00		
Supplies.....	17.93		
Water supply.....	267.25		
Total.....	\$9,015.97		\$9,015.97
Total, Public Service Enterprises.....			\$335,977.99

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Cemeteries.			
CEMETERY BOARD.			
Salaries and wages.....	\$29,911.46		
Advertising and printing.....	551.31		
Brick, cement, lime and sand.....	1,149.66		
Cinders, loam and sod.....	46.04		
Dressing.....	316.26		
Explosives.....	110.65		
Express and carting.....	93.31		
Fuel.....	306.93		
Furniture and furnishings.....	16.43		
Hardware, tools and fittings.....	416.37		
Horse keeping and cart maintenance..	496.31		
Local car tickets.....	200.00		
Lumber.....	93.99		
New adding machine.....		\$269.50	
Office expenses.....	78.70		
Plants, seeds and shrubs.....	155.26		
Postage.....	96.00		
Road machinery.....	244.04		
Signs and posts.....	235.15		
Stock and labor, repairs.....	215.99		
Supplies, miscellaneous.....	96.20		
Telephones and telegrams.....	151.25		
Water supply.....	288.90		
Total.....	\$35,270.21	\$269.50	\$35,539.71
CEMETERIES, SALE OF LOTS.			
Pay rolls, labor.....		\$5,457.33	
Crusher stone.....		821.58	
Trees and shrubs.....		500.00	
Total.....		\$6,778.91	\$6,778.91
Total, Cemeteries.....			\$42,318.62

PAYMENTS.

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Administration of Invested Funds.			
SINKING FUND COMMISSIONERS.			
Salary of treasurer.....	\$300.00		
Collection charges.....	18.64		
Rent of safe deposit boxes.....	40.00		
Special auditor.....	40.00		
Surety bond for treasurer.....	40.00		
Total.....	\$438.64		\$438.64
Total, Administration of Invested Funds.....			\$438.64

OBJECTS OF PAYMENTS	Expenses	Indebtedness	Total
Interest.			
Interest on bonded debt.....	\$276,566.55		
Interest on temporary loans.....	37,942.12		
Interest on trust funds expended.....	8,390.10		
Total.....	\$322,898.77		\$322,898.77
Municipal Indebtedness.			
Bonds paid from sinking funds.....		\$338,000.00	
Bonds paid from taxes.....	\$308,042.84	20,034.44	
Bonds paid from premiums.....		75,000.00	
Temporary loans, taxes, 1912.....		1,360,000.00	
Temporary loans, taxes, 1913.....		100,000.00	
Temporary loan, C 474, 1910.....		202,803.17	
Unpaid warrants of prior years.....			
Total.....	\$308,042.84	\$2,095,837.61	\$2,403,880.45
Total, Interest and Indebtedness.....			\$2,726,779.22

PAYMENTS.

OBJECTS OF PAYMENTS.		Temporary Account	Total
Sinking Funds.			
Appropriation of taxes paid to sinking fund commissioners.....		\$75,641.00	
Total, Sinking Funds.....		\$75,641.00	\$75,641.00
Agency, Trust and Investment.			
AGENCY.			
County taxes.....		\$123,420.17	
State taxes.....		203,296.00	
Non-resident bank taxes.....		42,828.13	
Liquor licenses for State		27,668.25	
TRUST.			
Cash discrepancies		94.29	
Cemetery perpetual care deposits....		9,825.00	
Department advances....		101.56	
Highway deposits.....		8,071.22	
Pay roll tailings.....		31.63	
Salary advances.....		18,800.40	
Sewer deposits.....		12,933.20	
Summons fees due collectors.....		1,532.00	
Cemetery fund income.....		1,391.82	
Kempton fund income.....		10,770.00	
Total, Agency, Trust, Etc.....		\$460,763.67	\$460,763.67
Total			\$6,986,023.25
Cash at end of year.....			\$412,805.65
Total.....			\$7,398,828.90

SUMMARY.

CLASSIFICATION	Revenue for Expenses	Revenue for Other Purposes	Expenses	Outlays and Temporary Accounts
Taxes.....	\$1,960,073.24			
Licenses and permits.....	92,539.25			
Fines and forfeits.....	3,313.59			
Grants and gifts.....	19,436.84			
Special assessments.....		\$ 35,642.76		
Privileges	11,006.01			
General government.....	6,055.24		\$ 151,116.94	\$ 15,722.25
Protection of life and prop- erty.....	1,335.53		356,947.56	20,950.00
Health and sanitation.....	20,201.68		174,135.06	476,046.64
Highways and bridges.....	48,466.96	9,050.80	442,681.53	800,819.66
Charities.....	13,790.17		80,917.36	
Soldiers benefits.....	15,840.00		43,212.29	
Education.....	5,715.39		491,776.63	144,932.24
Libraries.....	825.04		44,012.46	3,000.00
Recreation.....	930.95		43,751.19	33,858.58
Unclassified.....			3,123.25	17,100.47
Public service enterprises.....	307,015.45		237,620.06	98,357.93
Cemeteries.....	14,412.65	6,355.00	35,270.21	7,048.41
Administration of invested funds.....			438.64	
Interest.....	19,087.65		322,898.77	
Municipal indebtedness.....		3,500,557.39	308,042.84	2,095,837.61
Sinking funds.....		338,000.00		75,641.00
Agency, trust and investment		465,575.34		460,763.67
Refunds.....		6,254.15		
Service and other transfers.....		116,971.19		
Totals.....	\$2,540,045.64	\$4,478,406.63	\$2,735,944.79	\$4,250,078.46

Revenue for expenses.....	\$2,540,045.64	Current expenses.....	\$2,735,944.79
Revenue for other purposes....	4,478,406.63	Outlays and other objects.....	4,250,078.46
Total receipts.....	\$7,018,452.27	Total expenditures.....	\$6,986,023.25
Cash at beginning of the year	380,376.63	Cash at end of year.....	412,805.63
	\$7,398,828.90		\$7,398,828.90

BALANCE SHEET OF THE CITY OF NEW BEDFORD
NOVEMBER 30, 1913.

ASSETS.

Cash in treasury.....	\$412,805.65
Uncollected taxes.....	233,661.19
Advances for Commonwealth.....	16,210.93
Advances for loans authorized.....	568,002.63
Other accounts receivable.....	1,424.35
Current assets.....	\$1,232,104.75
Kempton fund.....	254,225.05
Cash and investments, sinking funds.....	1,809,453.51
Savings bank deposits, cemetery funds.....	161,865.22
City property, ledger account.....	11,930,480.62
Construction authorized, not expended	283,638.98
Total assets.....	\$15,671,768.13

LIABILITIES.

Accounts payable.....	\$866,491.54
Balances, municipal utilities accounts.....	2,648.80
Balances, trust fund income accounts.....	6,227.30
Balances, deposit accounts	9,288.91
Balances, construction accounts.....	254,141.10
Balances, special accounts.....	36,902.77
Reserves for tax abatements.....	59,180.68
Current liabilities.....	\$1,234,881.10
Kempton fund.....	254,225.05
Sinking funds.....	1,809,453.51
Cemetery funds.....	161,865.22
Bonds outstanding.....	9,323,000.00
Trust funds expended.....	143,834.93
Loans authorized, not issued.....	674,000.00
Total liabilities.....	\$13,601,259.81
Balance, public property account	2,070,508.32
	\$15,671,768.13

DECEMBER 1, 1913

\$0,323,000 (1)	\$180,453.71	\$7,511,545.41
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CITY OF NEW BEDFORD,
July 3, 1914.

To the City Council Committee on Finance :

Gentlemen:—The sub-committee on the valuation of city property reports herewith a list of city property and its value. The valuation of real estate has been secured from the Board of Assessors, and the valuation of other property has been secured from the officers in charge of the several departments. The entire valuation is believed by your sub-committee to be a fair valuation of the city property.

JOHN WATLING,
GEORGE D. LACROIX,
HUBERT S. KELLEHER,
Committee.

SCHEDULE AND VALUATION OF THE CITY PROPERTY,
JANUARY 1, 1914.

BOARD OF ASSESSORS:

Office fixtures, furniture and furnishings.....	\$8,857.50	\$8,857.50
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BOARD OF HEALTH:

Furniture and equipment in office and bacteriological laboratory....	6,625.98	
Disinfecting apparatus.....	200.00	
Furniture bedding, etc., in small pox buildings.....	300.00	
Ambulance and wagon at small pox hospital.....	200.00	
Partial equipment of isolation hospital.....	700.00	
Buildings used as small pox hospitals.....	1,800.00	
Isolation hospital buildings.....	41,200.00	
	<hr/>	51,025.98

CEMETERY BOARD:

Oak Grove Cemetery.....	57,850.00	
Old Burying Ground, Second st....	10,325.00	
Pine Grove Cemetery.....	41,525.00	
Rural Cemetery.....	207,125.00	
Tools, machinery, wagons and equipment.....	5,870.00	
Office fixtures, furniture and furnishings.....	1,688.00	
	<hr/>	324,383.00

CITY AUDITOR:

Office furniture, fixtures and furnishings.....	2,990.00	2,990.00
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CITY CLERK:

Office furniture, fixtures and furnishings.....	7,120.00	7,120.00
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CITY MESSENGER:

Miscellaneous supplies on hand....	200.00	200.00
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CITY SOLICITOR:

Office fixtures, furniture and furnishings.....	843.00	
Law library.....	250.00	
	<hr/>	1,093.00

CLERK OF COMMITTEES:

Office fixtures, furniture and furnishings.....	2,600.00	2,600.00
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DEPARTMENT OF WHARVES.

Land, foot of Howland street.....	7,825.00	
Rotch wharf.....	42,450.00	
Taber wharf.....	60,125.00	
Land foot of Centre street.....	500.00	
Wharf, foot of Centre street.....	24,525.00	
	<hr/>	135,425.00

AUDITOR'S REPORT

41

ELECTIONS.

20 ballot boxes.....	1,000.00
Voting booths and paraphernalia..	2,000.00

 \$3,000.00

ENGINEERING DEPARTMENT.

Office fixtures, furniture and furnishings.....	13,522.49	13,522.49
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FIRE DEPARTMENT.

No. 1 engine house and lot.....	\$14,675.00
No. 2 engine house and lot.....	37,000.00
No. 3 engine house and lot.....	23,400.00
No. 4 engine house and lot.....	16,225.00
No. 5 engine house and lot.....	33,250.00
No. 6 engine house and lot	12,975.00
No. 7 engine house and lot.....	17,225.00
No. 8 engine house and lot.....	29,125.00
No. 9 engine house and lot.....	2,150.00
No. 10 engine house and lot....	21,075.00
No. 11 engine house and lot.....	22,450.00
Steam fire engine No. 1.....	3,500.00
Steam fire engine No. 2.....	3,000.00
Steam fire engine No. 4 (reserve)..	3,000.00
Steam fire engine No. 5.....	3,500.00
Steam fire engine No. 6 (reserve)..	3,000.00
Steam fire engine No. 7.....	3,300.00
Steam fire engine No. 8 (reserve)..	3,500.00
Steam fire engine, reserve	2,000.00
One Ahrens Fox auto engine	9,000.00
One Robinson auto engine.....	9,000.00
One Webb auto engine.....	7,500.00
Three Locomobile combination chemicals	18,000.00
One Locomobile repair department car	4,500.00
Three hook and ladder trucks.....	13,500.00
One combination hook and ladder truck	2,685.00
One hook and ladder truck (reserve)	100.00
One express wagon (Plainville)....	75.00
One chief's buggy (reserve).....	150.00
One combination chemical.....	2,000.00
One fire alarm wagon.....	200.00
Four hose wagons.....	2,000.00
Eight exercise and coal wagons....	1,600.00
Thirty-two horses and harnesses...	8,000.00
Hose and connections.....	12,500.00
Fire alarm telegraph.....	35,000.00
Sundries, as per inventory.....	5,000.00

 385,160.00

FREE PUBLIC LIBRARY:

Land and building	412,650.00
Books, pictures, etc.....	125,000.00

 537,650.00

INSPECTOR OF WIRES:

Office fixtures, furniture and furnishings.....	617.50	617.50
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LICENSING BOARD:

Office fixtures, furniture and furnishings.....	\$1,800.00	\$1,800.00
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MAYOR'S OFFICE:

Office fixtures, furniture and furnishings.....	4,916.00	4,916.00
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NEW BEDFORD INDUSTRIAL SCHOOL:

Office fixtures, furniture and furnishings.....	32,600.04	32,600.04
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NEW BEDFORD WATER WORKS:

Estimated value of distribution, including mains, services and meters.....	1,328,000.00	
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Further water supply, including lands, buildings, steel force main and old 36 inch main to City..	1,100,000.00	
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Old supply system, including lands conduit and reservoirs.....	434,500.00	
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Other buildings and lands, including old pumping station and land, repair shop buildings, and pipe yards.....	85,551.68	
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Tools, stock, machinery and office equipment.....	25,000.00	
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2,973,051.68

PARK COMMISSIONERS:

Bridge Park.....	2,5375.00	
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Brooklawn Park.....	308,625.00	
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Buttonwood Park.....	160,300.00	
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Common	96,950.00	
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Land at south side of Cove street.	250.00	
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Grove Park.....	24,425.00	
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Hazelwood Park.....	145,850.00	
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Triangle Park.....	1,275.00	
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Office furniture and fixtures	1,200.00	
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Animals.....	2,500.00	
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Tools and working implements....	3,000.00	
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Swings, park seats, band stands, and amusement fixtures.....	6,000.00	
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775,750.00

POLICE DEPARTMENT:

Police Station, Blackmer street....	13,850.00	
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Police Station, So. Second street...	16,725.00	
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Police stable, So. Second street....	4,250.00	
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Police Station, Willis street.....	3,175.00	
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Police Station, Kempton and Cedar streets.....	22,575.00	
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Police Station, Weld and Bowditch streets.....	16,850.00	
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Ambulances, horses, wagons, furniture, furnishings and miscellaneous equipment.....	17,963.75	
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95,388.75

POOR DEPARTMENT.

Almshouse, outbuildings, etc.....	\$ 170,750.00	
Almshouse furniture and dispens- ary stock.....	3,984.00	
Farming implements.....	647.50	
Harnesses and blankets	265.00	
Carriages and sleighs.....	480.00	
Live stock.....	3,862.00	
Produce.....	192.50	
Fuel at Almshouse.....	82.50	
Boilers and engines.....	1,350.00	
Laundry equipment.....	725.00	
Supplies at almshouse.....	440.45	
Fuel at wood and coal yard.....	1,800.00	
		\$184,578.95

PUBLIC BATHS:

Bathing houses.....	1,700.00	
Miscellaneous equipment.....	600.00	
		2,300.00

PUBLIC BUILDINGS, LAND AND OTHER PROPERTY:

Municipal Building, William and Pleasant streets.....	474,875.00	
Land, Pleasant and Elm streets.....	136,850.00	
Land, south side of Cove street...	250.00	
Land, Cove and Shore streets....	400.00	
Shore, west side West French ave..	1,075.00	
Shore, south side of Cove road....	1,075.00	
Shore, west side West French ave.	7,050.00	
North-east corner of Rockdale avenue and Arnold street.....	450.00	
Shore, West French avenue.....	325.00	
South-east corner of Rockdale avenue and Arnold street.....	575.00	
South side of Kempton st.....	100.00	
Wood and coal sheds (leased land)	2,500.00	
Corner North and Hillman sts....	3,800.00	
Building, 195 Mill st, (leased land)	150.00	
South side of Smith street.....	100.00	
South side of Belleville road.....	1,050.00	
East side of Acushnet avenue.....	50.00	
Pound, Plainville Road.....	75.00	
Rifle range, Tarkiln Hill Road....	1,600.00	
Screen House, West French ave...	3,875.00	
Playground, Union, Tremont and Court streets.....	11,575.00	
Veteran Firemen Building, corner of High and Foster streets....	2,700.00	
Wardroom, Rivet and Briggs sts...	1,525.00	
Wardroom, Fourth street.....	1,025.00	
Wardroom, Kempton st. (leased land.....	800.00	
Buildings and land, Tarkiln Hill rd	7,625.00	
Land, east side of Jenney Street..	150.00	
		661,625.00

REGISTRARS OF VOTERS:

Office fixtures, furniture and furnishings.....	\$ 3,395.00	3,395.00
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SCHOOL DEPARTMENT:

Wm. H. Taylor, Brock avenue.....	91,100.00
George H. Dunbar, Dartmouth & Dunbar streets.....	46,050.00
Katherine street, Katharine and Bonney streets.....	171,225.00
R. C. Ingraham, Blackmer and Second streets.....	86,925.00
Isaac W. Benjamin, Division street two portables.....	38,325.00
James B. Congdon, Thompson and Hemlock streets.....	102,975.00
Thomas Donaghy, Acushnet ave and South street.....	79,875.00
Thompson Street school.....	44,475.00
Dartmouth Street school.....	17,375.00
Acushnet avenue school.....	48,975.00
Betsey B. Winslow, Allen streets...	151,750.00
Fifth street, corner Russell street.	36,075.00
Thomas A. Greene, Madison and Purchase streets, two portables.	69,925.00
Harrington, Court and Liberty sts.	57,350.00
Sylvia A. Howland, Pleasant and High streets.....	69,150.00
Middle Street, corner Summer st.	36,800.00
New High School, County and Court streets.....	565,600.00
Committee Rooms, William street.	9,950.00
Thomas R. Rodman, Rockdale avenue and Summit street.....	78,725.00
Buildings and land on Cedar and Spruce streets.....	1,275.00
Cedar street, corner Maxfield st..	7,350.00
Mary B. White, Maxfield and Pleasant streets.....	24,600.00
Old High School, Summer street.	111,675.00
H. A. Kempton, Shawmut avenue	47,700.00
Land, Shawmut avenue.....	2,175.00
Parker Street, east of Summer st....	80,750.00
Merrimac street, corner of State street.....	17,800.00
Clark Street school.....	38,250.00
John H. Clifford, Bowditch and Coggeshall streets.....	80,600.00
Cedar Grove Street School.....	36,175.00
H. M. Knowlton, County and Coggeshall streets.....	101,325.00
Phillips Avenue school.....	46,550.00
Land, Brook and Glennon streets..	5,400.00
Abraham Lincoln, Bowditch and Glennon streets.....	135,950.00
School, north side Hathaway road.	1,150.00
School, south side Plainville road..	1,125.00

Jireh Swift, west side of Acushnet avenue.....	\$84,675.00	
Acushnet avenue, north of Lunds Corner.....	1,575.00	
Various places, ten portable buildings	18,000.00	
Furniture and furnishings.....	221,858.04	
		\$2,868,583.04
SEALER OF WEIGHTS AND MEASURES:		
Standard weights and measures and equipment.....	2,500.00	2,500.00
STREETS AND SEWERS:		
City stables and land.....	71,350.00	
Street department equipment.....	6,800.23	
Automobiles and garage.....	13,189.50	
South crusher.....	3,398.80	
North crusher.....	2,237.25	
Portable crusher.....	3,347.84	
Centre crusher.....	5,333.60	
Blacksmith shop.....	3,436.78	
Carpenter shop.....	1,446.46	
Machine shop.....	927.65	
Paint shop.....	177.23	
Stable.....	31,223.45	
Road rollers.....	11,570.05	
Concrete equipment.....	169.07	
Sewers and drains.....	12,455.48	
Air and steam drills.....	6,389.02	
Stationery engines, boilers.....	3,363.81	
Office fixtures.....	1,220.00	
City forestry equipment.....	1,543.08	
Portable boiler.....	970.45	
Steam pumps.....	461.50	
Hoisting engine, boiler.....	879.00	
		181,890.25
STREET LIGHTING DEPARTMENT:		
Lamp posts.....	9,000.00	9,000.00
SUPERINTENDENT OF PUBLIC BUILDINGS:		
Office fixtures, furniture and furnishings.....	5,422.13	
Automobile.....	300.00	
		5,722.13
TREASURER:		
Office fixtures, furniture and furnishings	7,320.35	7,320.35
		\$9,284,065.66

RECAPITULATION.

Board of Assessors.....	\$8,857.50
Board of Health.....	51,025.98
Cemetery Board.....	324,383.00
City Auditor.....	2,990.00
City Clerk.....	7,120.00
City Messenger.....	200.00
City Solicitor.....	1,093.00
Clerk of Committees.....	2,600.00
Department of Wharves.....	135,425.00
Elections.....	3,000.00
Engineering Department.....	13,522.49
Fire Department.....	385,160.00
Free Public Library	537,650.00
Inspector of Wires.....	617.50
Licensing Board.....	1,800.00
Mayor's Office.....	4,916.00
New Bedford Industrial School.....	32,600.04
New Bedford Water Works.....	2,973,051.68
Park Commissioners.....	775,750.00
Police Department.....	95,388.75
Poor Department.....	184,578.95
Public Baths.....	2,300.00
Public Buildings, Land and Other Property.....	661,625.00
Registrars of Voters.....	3,395.00
School Department.....	2,868,583.04
Sealer of Weights and Measures	2,500.00
Streets and Sewers.....	181,890.25
Street Lighting Department.....	9,000.00
Superintendent of Public Buildings.....	5,722.13
Treasurer.....	7,320.35
<hr/>	
Total valuation.....	\$9,284,065.66

CITY OF NEW BEDFORD,
OFFICE OF THE CITY AUDITOR.
Jan. 15, 1914.

The Honorable City Council:

I respectfully report that I have examined the report and investments of the trustees of the Kempton fund and find the same correct. Said investments are represented by securities having a face value of two hundred and fifty-seven thousand dollars, and a savings bank deposit amounting to one thousand dollars and sixty-three cents.

CHARLES J. MCGURK.
City Auditor.

CERTIFICATES.

We have examined the foregoing report and statements of the City Auditor and believe the same to be correct.

ALDEGE CHAUSSE,
JAMES F. COLLINS,
LOUIS N. SCHULER.

Sub-committee of the joint standing committee on finance, appointed to examine the books and accounts of the City Treasurer and the City Auditor.

The foregoing report and statements of the City Auditor are approved.

ALDEGE CHAUSSE, Chairman.
WILLIAM K. LEES,
CHARLES W. JONES,
ALBERT CASSIDY,
HENRY J. PARKER,
Committee on Audit.

ANNUAL REPORT
OF THE
CITY TREASURER

FOR THE
Fiscal Year Ending November 29
1913.



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, PRINTERS.
1914.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

March 12, 1914.

Received. Ordered printed in the City Documents
and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

March 12, 1914.

Concurred.

CHARLES P. SAWYER,
Clerk

Office of the City Treasurer,
New Bedford, December 1, 1913.

To the City Council of the City of New Bedford.

Gentlemen:—Submitted herewith find the annual report of this department for the year ending November 29, 1913, as required by the ordinances.

In addition to a classified statement of the cash receipts and disbursements for the year, I have prepared tables showing the condition of the City's several trust fund income accounts; also comparative tables of figures pertaining to the city debt, valuation of property, and the division of the tax rate.

Respectfully submitted,

WILLIAM S. COOK,
City Treasurer.

**STATEMENT OF CASH RECEIPTS AND CASH PAYMENTS
FOR THE FISCAL YEAR 1913.**

SUMMARY.

Cash receipts from revenue sources,	\$2,626,036.08	
Cash receipts from sinking funds	338,000.00	
Cash receipts from special funds and Accounts,	432,183.46	
Cash receipts from tax loans	1,435,000.00	
Cash receipts from other loans,	300,000.00	
Cash receipts from bonds,	1,093,000.00	
		<hr/>
Total cash receipts,		\$6,224,219.54
Cash balance December 2, 1912,		380,376.63
		<hr/>
		\$6,604,596.17
		<hr/>
Cash payments for revenue purposes,	\$2,461,730.71	
Cash payments for special funds and Accounts,	1,623,982.53	
Cash payments for tax loans,	1,435,000.00	
Cash payments for other loans	100,000.00	
Cash payments for bonds,	571,077.28	
		<hr/>
Total cash payments,		\$6,191,790.52
Cash balance, November 29, 1913,		412,805.65
		<hr/>
		\$6,604,596.17
		<hr/>

TREASURER'S REPORT

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CASH RECEIPTS IN DETAIL.

From Revenue Sources:

Taxes,	\$2,164,056.16	
Premiums on Bonds	6,065.85	
Miscellaneous,	455,914.07	
	<hr/>	\$2,626,036.08

From Sinking Funds:

To pay maturing bonds,	\$338,000.00	
	<hr/>	\$338,000.00

From Special Funds and Accounts:

Water Works,	\$299,061.70	
Wharves,	7,953.75	
Cemeteries, sale of lots,	6,355.00	
Cemeteries, perpetual care, deposits,	9,825.00	
Sewer deposits,	14,073.00	
Highway deposits,	9,132.00	
Sewer construction, Chap. 184 of 1907,	10,209.31	
Sewer construction, Chap. 131 of 1911,	18,070.00	
Sewer construction Chap. 76 of 1912.,	7,123.71	
Sewer construction, Chap. 183 of 1913.,	238.86	
Library, dog fund,	2,362.61	
Schools, dog fund,	2,380.11	
State Aid,	12,148.00	
Military Aid,	2,919.00	
Burial of Soldiers,	777.00	
Trust account, licenses due state,	27,668.25	
Trust account, summonses due collectors,	1,474.00	
Pay roll tailings,	220.63	
Short and over,	191.53	
	<hr/>	\$432,183.46

From Loans:

Account of Taxes 1912	\$75,000.00	
Account of Taxes 1913	1,360,000.00	
Account of Sewage Disposal, C. 474 of 1910	100,000.00	
Account of Purchase Street Widening	100,000.00	
Account of Union Street Widening	100,000.00	
	<hr/>	\$1,735,000.00

From Bonds:

Sewer Loan, Chap. 474, Acts of 1910,	450,000.00	
Sewer Loan, Chap. 183, Acts of 1913,	100,000.00	
Coggeshall St. Bridge Loan C. 385 of 1913	25,000.00	
Municipal Loan No. 7 of 1912,	45,000.00	
Municipal Loan No. 1 of 1913,	250,000.00	
Municipal Loan No. 2 of 1913,	80,000.00	
Municipal Loan No. 4 of 1913,	113,000.00	
Municipal Loan No. 5 of 1913,	30,000.00	
	<hr/>	1,093,000.00
Total Receipts,		\$6,224,219.54

CASH PAYMENTS IN DETAIL.**For Revenue Purposes :**

Sundry Departments, audits, pay-rolls, and advances,	\$2,461,730.71	\$2,461,730.71
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For Special Funds and Accounts :

Water Works (not including bonds)	\$301,276.13
Water Works, Chap. 75 of 1912,	17,183.47
Wharves (not including bonds)	5,735.53
Cemeteries, sale of Lots,	6,778.91
Cemeteries, perpetual care deposits,	9,825.00
Sewer deposits rebated,	12,933.20
Highway deposits rebated	8,071.22
Sewer construction, Chap. 184 of 1907,	11,641.79
Sewage Disposal Chap. 474 of 1910,	256,656.28
Sewer Construction, Chap. 131 of 1911,	5,696.01
Sewer Construction, Chap. 76 of 1912,	78,831.94
Sewer Construction. Chap. 183 of 1913,	73,626.91
Highways, permanent improvements,	11,346.77
Land damages, Nash road,	55.00
Land damages, Whitman street,	800.00
Land damages, Highland street,	456.20
Buttonwood Park, Additional Land	19,332.29
Land, Tarkiln Hill Road	7,000.00
Purchase Street Widening	74,763.96
Union Street Widening	97,991.64
Purchase Street Widening, Appraisers	677.94
Coggeshall Street Bridge Repairs etc.,	500.18
School purposes, Chap. 233 of 1910,	119.00
School purposes, Chap. 123 of 1911,	96,689.56
New High School,	3,757.28
High School Alterations	5,612.11
High School laboratory,	2,377.00
High School furnishings,	33,700.48
Allen St. School furnishings,	391.66
Allen St. School grading, etc.,	1,330.00
Dartmouth St. School repairs,	2,391.00
Katherine St. School grading,	313.39
Mary B. White School sanitarines,	655.00
Schools, Fire escapes	667.28
Hathaway playground,	5,189.40
New Municipal Building,	2,314.74
Municipal Building Alterations	3,465.45
Almshouse Alterations,	3,405.10
Sunday Band Concerts,	1,969.00
Library, dog fund,	3,723.07
Library, Kempton fund,	14,360.50
Library, other trust funds,	3,255.98
Schools, Bourne prize fund,	60.00
Schools, dog fund,	1,811.27
Schools, S. A. Howland fund,	1,352.72
State Aid,	11,584.00
Military Aid,	2,416.50

TREASURER'S REPORT.

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Burial of soldiers,	781.00	
Trust account, licenses paid state,	27,668.25	
Trust account, summonses paid collectors,	1,532.00	
Pay Roll Tailings	31.63	
Bathing Houses, special account	192.41	
City Council, special account	1,821.33	
City Forestry, special account,	182.13	
Fire, special account,	19,250.00	
Health, special account,	16,495.13	
Highways, special account,	343,729.97	
Schools, buildings, special account,	121.60	
Schools, teachers, special account	7,990.93	
Short and over,	94.29	
	<hr/>	\$1,623,982.53

For Loans;

Account of Taxes 1912	\$75,000.00	
Account of Taxes 1913	1,360,000.00	
Account of Sewage Disposal, C. 474 of 1910	100,000.00	
	<hr/>	\$1,535,000.00

For Bonds:

High School, Chap. 385, Acts of 1903,	\$23,000.00
Library, Chap. 353, Acts of 1907,	14,000.00
Schools, Chap. 298, Acts of 1904,	10,000.00
Schools, Chap. 144 Acts of 1909,	10,000.00
Schools, Chap. 233, Acts of 1910,	7,000.00
Improvement (Sinking funds)	80,000.00
Sewers (Sinking Funds)	108,000.00
Wharves, Chap. 110, Acts of 1911,	3,000.00
Municipal Building, Chap. 352, Acts of 1907,	20,000.00
Sewers, Chap. 131, Acts of 1911,	5,000.00
Water, Chap. 65, Acts of 1911,	5,000.00
Water, Chap. 75, Acts of 1912.	6,000.00
Wharves (Sinking Fund)	30,000.00
Sewers, Chap. 474 of 1910	12,000.00
Sewers Chap. 76 of 1912	5,000.00
Water, Chap. 202, of 1909	10,000.00
Schools, Chap. 185 of 1907	16,000.00
Schools, Chap. 123 of 1911	9,000.00
Bridge, Chap. 549, Acts of 1910,	2,000.00
Sewers, Chap. 184, Acts of 1907,	9,000.00
Municipal loan No. 1 of 1907,	23,000.00
Highway loan of 1908,	2,000.00
Municipal loan No. 1 of 1908,	18,000.00
Municipal loan No. 2 of 1908,	2,000.00
Municipal loan No. 1 of 1909,	26,000.00
Municipal loan No. 2 of 1909,	1,000.00
Municipal loan No. 1 of 1910,	22,000.00
Municipal loan No. 2 of 1910,	4,000.00
Municipal loan No. 1 of 1911,	15,000.00
Municipal loan No. 2 of 1911,	4,000.00
Highway loan No. 2 of 1911,	1,000.00
Municipal loan No. 3 of 1911,	2,000.00
Municipal loan No. 4 of 1911,	9,000.00

Municipal loan No. 5 of 1911,	2,000.00	
Municipal loan No. 6 of 1911,	2,000.00	
Municipal loan No. 7 of 1911,	3,000.00	
Municipal Loan No. 8 of 1911,	5,000.00	
Municipal Loan No. 1 of 1912,	15,000.00	
Municipal Loan No. 2 of 1912,	14,000.00	
Municipal Loan No. 3 of 1912,	2,077.28	
Municipal Loan No. 4 of 1912,	2,000.00	
Municipal Loan No. 5 of 1912,	3,000.00	
Municipal Loan No. 6 of 1912,	5,000.00	
Municipal Loan No. 7 of 1912,	5,000.00	
		<hr/>
		\$571,077.28
Total payments,		<hr/>
		\$6,191,790.52

**TRUST FUND INCOME BALANCES ARE SHOWN IN THE
FOLLOWING STATEMENTS.**

KEMPTON FUND INCOME ACCOUNT.

**For the Benefit of the Free Public Library. Capital Invested
\$250,000.00**

Balance, December 2, 1912,	\$ 7,815.55
Income receipts,	10,770.00
	<hr/>
	\$18,585.55
Disbursements, 1913,	\$14,360.50
Balance on deposit, November 29, 1913,	4,225.05
	<hr/>
	\$18,585.55

CEMETERY PERPETUAL CARE FUNDS, INCOME ACCOUNT.

Capital Deposited in Savings Banks, \$147,719.48.

Balance, December 2, 1912,	\$12,503.79
Income receipts,	5,943.68
	<hr/>
	\$18,447.47
Withdrawals, 1913,	\$1,301.73
Balance on deposit November 29, 1913,	14,145.74
	<hr/>
	\$18,447.47

LIBRARY TRUST FUNDS, INCOME ACCOUNT.**Capital Invested in City Properties, \$66,100.00.**

Balance, December 2, 1912,	\$2,293.80
Income receipts,	3,726.00
	<hr/>
	\$6,019.80
Cash Disbursements, 1913,	\$3,255.98
Balance, November 29, 1913,	2,763.82
	<hr/>
	\$6,019.80

SCHOOL TRUST FUNDS, INCOME ACCOUNT.**Capital Invested in City Properties, \$51,000.00**

Balance, December 2, 1912,	\$2,847.22
Income receipts,	3,060.00
	<hr/>
	\$5,907.22
Cash Disbursements, 1913,	\$1,412.72
Balance, November 29, 1913,	4,494.50
	<hr/>
	\$5,907.22

**CEMETERY PERPETUAL CARE FUNDS, 6 PER CENT.
INCOME ACCOUNT.****Capital Invested in City Properties, \$26,734.93.**

Balance, December 2, 1912,	\$4,704.01
Income receipts,	1,604.10
	<hr/>
	\$6,308.11
Cash disbursements, 1913,	\$1,391.82
Balance, November 29, 1913,	4,916.29
	<hr/>
	\$6,308.11

We have examined the foregoing and believe the same to be correct.

ALDEGE CHAUSSE,
JAMES F. COLLINS,
LOUIS N. SCHULER.

Sub-committee of the Joint Standing Committee on Finance, appointed to examine the books and accounts of the City Treasurer and City Auditor.

The following table, compiled from previous reports, compares the Assessors' valuation of real and personal property, the tax rate, inventory of city property, funded water debt, funded debt other than water, and sinking funds, from the year 1901 to the year 1913, inclusive:

Year	Assessors' Net Valuation Real & Personal	Tax Rate	Inventory City Property	Water Debt Funded	Other Funded Debt	Sinking Funds
1901	\$62,401,390	\$17.40	\$4,887,803	\$1,628,000	\$2,078,000	\$ 923,838
1902	61,964,450	17.40	4,954,634	1,598,000	2,311,000	1,044,399
1903	62,246,300	18.00	5,065,011	1,568,000	2,369,000	1,073,379
1904	62,865,476	19.20	5,228,788	1,538,000	2,570,000	1,184,665
1905	63,951,461	19.40	5,440,536	1,508,000	2,884,000	1,352,077
1906	65,550,381	18.40	5,576,817	1,478,000	2,844,000	1,495,459
1907	70,719,086	17.60	5,586,995	1,448,000	4,129,000	1,547,871
1908	75,505,198	19.00	5,777,292	1,418,000	4,498,000	1,661,725
1909	77,464,331	19.00	6,289,217	1,388,000	4,721,581	1,711,226
1910	83,426,001	19.00	8,453,894	1,638,000	5,494,938	1,873,676
1911	95,511,184	18.40	9,512,735	1,778,000	6,313,752	2,035,11
1912	101,354,409	19.30	10,707,053	1,923,000	7,042,077	1,964,632
1913	104,491,928	20.20	11,930,480	1,902,000	7,420,000	1,809,453

COMPARATIVE TABLE OF DIVISION OF TAX RATE.

	1908	1909	1910	1911	1912	1913
Rate per \$1,000 valuation	\$19.00	\$19.00	\$19.00	\$18.40	\$19.30	\$20.20
Divided as follows:						
State tax,	\$ 1.43	\$ 1.10	\$ 1.41	\$ 1.24	\$ 1.33	\$ 1.81
County Tax,	1.26	1.21	1.30	1.15	1.10	1.15
City purposes,	10.86	11.28	10.50	10.15	10.97	10.44
City debt,	4.95	4.95	5.27	5.35	5.52	6.49
Grade crossings,	.14	.26	.23	.20	.18	.09
Armory,	.02					
Overlay,	.34	.20	.29	.31	.20	.22
	<u>\$19.00</u>	<u>\$19.00</u>	<u>\$19.00</u>	<u>\$18.40</u>	<u>\$19.30</u>	<u>\$20.20</u>

NEW BEDFORD BONDED DEBT PAYABLE.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1914	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Municipal Loan No. 1 of 1907	4	"	"	Feb. 11	23,000.00	
	Municipal Loan No. 1 of 1910	4	"	"	Mar. 1	22,000.00	
	Municipal Loan No. 1 of 1911	4	Registered	Serial	Mar. 1	15,000.00	
	Municipal Loan No. 2 of 1911,	4		"	Mar. 1	4,000.00	
	Municipal Loan No. 3 of 1911,	4		"	Mar. 1	2,000.00	
	Municipal Loan No. 1 of 1912	4		"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913	5	"	"	Mar. 1	25,000.00	
	Sewers, Chapter 474, Acts of 1910	4	"	"	Mar. 1	4,000.00	
	Sewers,	4	"	Sinking Fd.	Apr. 1	32,000.00	
	Wharves, Chap. 110, Acts of 1911,	4	"		Apr. 1	3,000.00	
	Municipal Bldg. Chap. 352, Acts 1907	4	"	Serial	May 1	5,000.00	
	Municipal Loan No. 2 of 1912	4	"	"	May 1	14,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	
	Municipal Loan No. 4 of 1912,	4	"	"	May 1	2,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Municipal Loan No. 2 of 1910,	4	"	"	June 1	4,000.00	
	Municipal Loan No. 4 of 1911,	4	"	"	June 1	9,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon Registered	"	June 1	4,000.00	
	Sewers, Chapter 474, Acts of 1910	4		"	June 1	8,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon Registered	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4		"	July 1	5,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1914	Municipal Loan No. 1 of 1908,	4	Registered	Serial	July 1	18,000.00	
	Municipal Loan No. 1 of 1909,	3½	"	"	July 1	26,000.00	
	Municipal Loan No. 5 of 1911	4	"	"	July 1	2,000.00	
	Municipal Loan No. 6 of 1911,	4	"	"	July 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907	4	"	"	July 1	15,000.00	
	Sewers, Chapter 183, Acts of 1913	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 2 of 1909	4	Registered	"	Aug. 1	1,000.00	
	Municipal Loan No. 5 of 1912,	4	"	"	Aug. 1	3,000.00	
	Municipal Loan No. 2 of 1913	4½	"	"	Aug. 1	8,000.00	
	Municipal Loan No. 3 of 1913	4	"	"	Aug. 1	2,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts of 1907,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913,	4½	"	"	Sept. 1	12,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water Chap. 202, Acts of 1909,	4	"	"	Sept. 1	5,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	2,000.00	
	Highway Loan No. 2 of 1911,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	9,000.00	
	Coggeshall St. Bridge, C. 385 of 1913,	4	"	"	Oct. 1	5,000.00	
	Highway Loan of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 2 of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 7 of 1911,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 7 of 1912,	4	"	"	Nov. 1	3,000.00	
	Municipal Loan No. 5 of 1913	4	"	"	Nov. 1	5,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	3,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	20,000.00	
	Municipal Loan No. 6 of 1913	4	Registered	"	Nov. 1	7,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Dec. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	2,000.00	
		4	"	"	Dec. 1	4,000.00	
							492,000.00

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1915	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 298, Acts of 1904	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Municipal Loan No. 1 of 1907	4	"	"	Feb. 11	23,000.00	
	Municipal Loan No. 1 of 1910,	4	"	"	Mar. 1	21,000.00	
	Municipal Loan No. 1 of 1911	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 2 of 1911,	4	"	"	Mar. 1	4,000.00	
	Municipal Loan No. 3 of 1911,	4	"	"	Mar. 1	2,000.00	
	Municipal Loan No. 1 of 1912	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913,	5	"	"	Mar. 1	25,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	Mar. 1	4,000.00	
	Wharves, Chap. 110, Acts of 1911,	4	"	"	Apr. 1	3,000.00	
	Municipal Bldg. Chap. 352, Acts 1907	4	"	"	May 1	5,000.00	
	Municipal Loan No. 2 of 1912	4	"	"	May 1	14,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	
	Municipal Loan No. 4 of 1912,	4	"	"	May 1	2,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Municipal Loan No. 2 of 1910,	4	"	"	June 1	4,000.00	
	Municipal Loan No. 4 of 1911,	4	"	"	June 1	9,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	Registered	Serial	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	8,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	July 1	5,000.00	
	Improvement,	4	"	Sinking Fd.	July 1	110,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1915	Municipal Loan No. 1 of 1908,	4	"	Serial	July 1	18,000.00	
	Municipal Loan No. 1 of 1909,	3½	Registered	Serial	July 1	26,000.00	
	Municipal Loan No. 5 of 1911	4	"	"	July 1	2,000.00	
	Municipal Loan No. 6 of 1911,	4	"	"	July 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907	4	"	"	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913,	4	"	"	July 1	4,000.00	
	Municipal Loan No. 2 of 1909	4	"	"	Aug. 1	1,000.00	
	Municipal Loan No. 5 of 1912,	4	Coupon Registered	"	Aug. 1	3,000.00	
	Municipal Loan No. 2 of 1913	4½	"	"	Aug. 1	8,000.00	
	Municipal Loan No. 3 of 1913	4	"	"	Aug. 1	2,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913	4½	"	"	Sept. 1	12,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4¼	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	5,000.00	
	Highway Loan No. 2 of 1911,	4	"	"	Oct. 1	1,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	2,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	9,000.00	
	Coggeshall St. Bridge, C. 385 of 1913	4	"	"	Nov. 1	5,000.00	
	Highway Loan of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 2 of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 7 of 1911,	4	"	"	Nov. 1	3,000.00	
	Municipal Loan No. 7 of 1912,	4	"	"	Nov. 1	5,000.00	
	Municipal Loan No. 5 of 1913	4	"	"	Nov. 1	3,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	20,000.00	
	Union St. Widening, C. 609 of 1913	4	Registered	"	Nov. 1	7,000.00	
	Municipal Loan No. 6 of 1913	4	"	"	Dec. 1	8,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Dec. 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	4,000.00	
						569,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1916	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 298, Acts of 1904	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Municipal Loan No. 1 of 1907	4	"	"	Feb. 11	23,000.00	
	Municipal Loan No. 1 of 1910	4	"	"	Mar. 1	21,000.00	
	Municipal Loan No. 1 of 1911	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 2 of 1911,	4	"	"	Mar. 1	4,000.00	
	Municipal Loan No. 3 of 1911,	4	"	"	Mar. 1	2,000.00	
	Municipal Loan No. 1 of 1912	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913	5	"	"	Mar. 1	25,000.00	
	Sewers Chap. 474, Acts of 1910	4	"	"	Mar. 1	4,000.00	
	Wharves, Chap. 110, Acts of 1911,	4	"	"	Apr. 1	3,000.00	
	Municipal Bldg. Chap. 352, Acts 1907	4	"	"	May 1	5,000.00	
	Municipal Loan No. 2 of 1912	4	"	"	May 1	14,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	
	Municipal Loan No. 4 of 1912,	4	"	"	May 1	2,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Municipal Loan No. 2 of 1910,	4	"	"	June 1	4,000.00	
	Municipal Loan No. 4 of 1911,	4	"	"	June 1	8,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	8,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	July 1	5,000.00	
	Municipal Loan No. 1 of 1908,	4	"	"	July 1	18,000.00	

Coupon
Registered

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1916	Municipal Loan No. 1 of 1909,	3½	Registered	Serial	July 1	26,000.00	
	Municipal Loan No. 5 of 1911,	4	"	"	July 1	2,000.00	
	Municipal Loan No. 6 of 1911,	4	"	"	July 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907	4	"	"	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 2 of 1909	4	Registered	"	Aug. 1	1,000.00	
	Municipal Loan No. 5 of 1912,	4	"	"	Aug. 1	2,000.00	
	Municipal Loan No. 2 of 1913	4½	"	"	Aug. 1	8,000.00	
	Municipal Loan No. 3 of 1913	4	"	"	Aug. 1	2,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913,	4½	"	"	Sept. 1	12,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	2,000.00	
	Highway Loan No. 2 of 1911,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	9,000.00	
	Coggeshall St. Bridge C. 385 of 1913	4	"	"	Nov. 1	5,000.00	
	Highway Loan of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 2 of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 7 of 1911	4	"	"	Nov. 1	3,000.00	
	Municipal Loan No. 7 of 1912,	4	"	"	Nov. 1	5,000.00	
	Municipal Loan No. 5 of 1913	4	"	"	Nov. 1	3,000.00	
	Purchase St. Widening C. 589 of 1913	4	Coupon	"	Nov. 1	3,000.00	
	Union St Widening C 609 of 1913	4	"	"	Nov. 1	20,000.00	
	Municipal Loan No. 6 of 1913,	4	Registered	"	Nov. 1	7,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Dec. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	2,000.00	
					Dec. 1	4,000.00	
						455,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1917	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 298, Acts of 1904	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	4,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Municipal Loan No. 1 of 1907	4	"	"	Feb. 11	26,000.00	
	Municipal Loan No. 1 of 1910	4	"	"	Mar. 1	21,000.00	
	Municipal Loan No. 1 of 1911	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 2 of 1911,	4	"	"	Mar. 1	4,000.00	
	Municipal Loan No. 3 of 1911,	4	"	"	Mar. 1	1,000.00	
	Municipal Loan No. 1 of 1912	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913	5	"	"	Mar. 1	25,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	Mar. 1	4,000.00	
	Schools,	4	"	Sinking Fd.	Mar. 1	128,000.00	
	Wharves, Chap. 110, Acts of 1911,	4	"	Serial	Apr. 1	3,000.00	
	Municipal Bldg. Chap. 352, Acts 1907	4	"	"	May 1	4,000.00	
	Municipal Loan No. 2 of 1912	4	"	"	May 1	14,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	
	Municipal Loan No. 4 of 1912,	4	"	"	May 1	2,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Municipal Loan No. 2 of 1910,	4	"	"	June 1	4,000.00	
	Municipal Loan No. 4 of 1911,	4	"	"	June 1	8,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	8,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Registered	"	June 1	5,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1917	Water, Chap. 202, Acts of 1909,	4	Registered	Serial	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	July 1	5,000.00	
	Municipal Loan No. 1 of 1908,	4	"	"	July 1	18,000.00	
	Municipal Loan No. 1 of 1909,	3½	"	"	July 1	26,000.00	
	Municipal Loan No. 5 of 1911	4	"	"	July 1	2,000.00	
	Municipal Loan No. 6 of 1911,	4	"	"	July 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907	4	"	"	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 2 of 1909	4	Registered	"	Aug. 1	1,000.00	
	Municipal Loan No. 5 of 1912,	4	"	"	Aug. 1	2,000.00	
	Municipal Loan No. 2 of 1913,	4½	"	"	Aug. 1	8,000.00	
	Municipal Loan No. 3 of 1913,	4	"	"	Aug. 1	2,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913,	4½	"	"	Sept. 1	11,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	2,000.00	
	Highway Loan No. 2 of 1911,	4	"	"	Oct. 1	1,000.00	
	Municipal Loan No. 3 of 1907	4½	"	Sinking Fd.	Oct. 1	97,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	Serial	Oct. 1	9,000.00	
	Coggeshall St. Bridge C. 385 of 1913	4	"	"	Nov. 1	5,000.00	
	Highway Loan of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 2 of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 7 of 1911	4	"	"	Nov. 1	3,000.00	
	Municipal Loan No. 7 of 1912,	4	"	"	Nov. 1	5,000.00	
	Municipal Loan No. 5 of 1913,	4	"	"	Nov. 1	3,000.00	
	Purchase St. Widening C 589 of 1913,	4	Coupon	"	Nov. 1	20,000.00	
	Union St. Widening C 609 of 1913,	4	"	"	Nov. 1	7,000.00	
	Municipal Loan No. 4 of 1907	5	Registered	Sinking Fd.	Dec. 1	28,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1917	Municipal Loan No. 6 of 1913	4	Registered	Serial	Dec. 1	8,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	Serial	Dec. 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	4,000.00	
	Highway Loan of 1907,	5	"	"	Dec.16	15,000.00	
1918	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	722,000.00
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353 Acts of 1907	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 298, Acts of 1904	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	4,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Schools	3½	"	Sinking Fd.	Feb. 1	92,000.00	
	Municipal Loan No. 1 of 1910	4	"	Serial	Mar. 1	21,000.00	
	Municipal Loan No. 1 of 1911	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 2 of 1911,	4	"	"	Mar. 1	3,000.00	
	Municipal Loan No. 3 of 1911,	4	"	"	Mar. 1	1,000.00	
	Municipal Loan No. 1 of 1912	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913	5	"	"	Mar. 1	25,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	Mar. 1	4,000.00	
	Water,	4	"	Sinking Fd.	Apr. 1	20,000.00	
	Wharves, Chap. 11C, Acts of 1911,	4	"	Serial	Apr. 1	2,000.00	
	Municipal Bldg. Chap. 352, Acts 1907	4	"	"	Apr. 1	4,000.00	
	Municipal Loan No. 2 of 1912	4	"	"	May 1	13,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	
	Municipal Loan No. 4 of 1912,	4	"	"	May 1	1,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	Hlgh School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Municipal Loan No. 2 of 1910,	4	"	"	June 1	4,000.00	
	Municipal Loan No. 4 of 1911,	4	"	"	June 1	8,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1918	Sewers, Chap. 474, Acts of 1910,	4	Registered	Serial	June 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	8,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	Registered	"	July 1	5,000.00	
	Municipal Loan No. 1 of 1908,	4	"	"	July 1	18,000.00	
	Municipal Loan No. 1 of 1909,	3½	"	"	July 1	26,000.00	
	Municipal Loan No. 5 of 1911	4	"	"	July 1	2,000.00	
	Municipal Loan No. 6 of 1911,	4	"	"	July 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907	4	"	"	July 1	15,000.00	
	Sewers, Chap 183 Acts of 1913	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 2 of 1909	4	Registered	"	Aug. 1	1,000.00	
	Municipal Loan No. 5 of 1912,	4	"	"	Aug. 1	2,000.00	
	Municipal Loan No. 2 of 1913,	4½	"	"	Aug. 1	8,000.00	
	Municipal Loan No. 3 of 1913,	4	"	"	Aug. 1	2,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913,	4½	"	"	Sept. 1	11,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	2,000.00	
	Highway Loan No. 2 of 1911,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Coggeshall St Bridge, C. 385 of 1913	4	"	"	Nov. 1	5,000.00	
	Highway Loan of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 2 of 1908,	4	"	"	Nov. 1	1,000.00	
	Municipal Loan No. 7 of 1911	4	"	"	Nov. 1	3,000.00	
	Municipal Loan No. 7 of 1912,	4	"	"	Nov. 1	4,000.00	
	Municipal Loan No. 5 of 1913,	4	"	"	Nov. 1	3,000.00	
	Purchase St. Widening, C. 589 of 1913,	4	Coupon	"	Nov. 1	20,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1918	Union St. Widening, C. 609 of 1913	4	Coupon	Serial	Nov. 1	7,000.00	
	Municipal Loan No. 6 of 1913	4	Registered	"	Dec. 1	8,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Dec. 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	4,000.00	534,000.00
1919	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911,	4	"	"	Jan. 1	4,000.00	
	Schools, Chap. 298, Acts of 1904	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	4,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Schools,	3½	"	"	Feb. 1	30,000.00	
	Municipal Loan No. 1 of 1910	4	"	Sinking Fd.	Mar. 1	21,000.00	
	Municipal Loan No. 1 of 1911	4	"	Serial	Mar. 1	15,000.00	
	Municipal Loan No. 2 of 1911,	4	"	"	Mar. 1	3,000.00	
	Municipal Loan No. 3 of 1911,	4	"	"	Mar. 1	1,000.00	
	Municipal Loan No. 1 of 1912	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913	5	"	"	Mar. 1	25,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	Mar. 1	4,000.00	
	Wharves, Chap. 110, Acts of 1911,	4	"	"	Apr. 1	2,000.00	
	Municipal Bldg. Chap. 352, Acts 1907	4	"	"	May 1	4,000.00	
	Municipal Loan No. 2 of 1912	4	"	"	May 1	13,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	
	Municipal Loan No. 4 of 1912,	4	"	"	May 1	1,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Municipal Loan No. 2 of 1910,	4	"	"	June 1	4,000.00	
	Municipal Loan No. 4 of 1911,	4	"	"	June 1	8,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	4,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1919	Sewers, Chap. 474, Acts of 1910, Sewers, Chap. 76 Acts of 1912, Water, Chap. 202, Acts of 1909, High School, Chap. 385, Acts of 1903	4	Coupon	Serial	June 1	8,000.00	
	Municipal Loan No. 1 of 1909,	4	Coupon	"	June 1	5,000.00	
	Municipal Loan No. 5 of 1911	3½	Registered	"	July 1	5,000.00	
	Municipal Loan No. 6 of 1911,	4	"	"	July 1	26,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	July 1	2,000.00	
	Schools, Chap. 298, Acts of 1904,	3½	"	"	July 1	2,000.00	
	Schools, Chap. 185, Acts of 1907	4	"	"	July 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913	4	"	"	July 1	15,000.00	
	Municipal Loan No. 2 of 1909	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 5 of 1912,	4	Registered	"	Aug. 1	1,000.00	
	Municipal Loan No. 2 of 1913,	4	"	"	Aug. 1	2,000.00	
	Municipal Loan No. 3 of 1913,	4½	"	"	Aug. 1	8,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Aug. 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	4,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913,	4	"	"	Sept. 1	5,000.00	
	Schools, Chap. 123, Acts of 1911,	4½	"	"	Sept. 1	11,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	Sept. 1	4,000.00	
	Water, Chap. 202, Acts of 1909,	4½	"	"	Sept. 1	5,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Highway Loan No. 2 of 1911,	4	"	"	Oct. 1	2,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	1,000.00	
	Municipal Loan No. 7 of 1911	4	"	"	Oct. 1	8,000.00	
	Municipal Loan No. 7 of 1912	4	"	"	Nov. 1	3,000.00	
	Municipal Loan No. 5 of 1913	4	"	"	Nov. 1	4,000.00	
	Purchase St. Widening C. 589 of 1913	4	Coupon	"	Nov. 1	3,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	20,000.00	
	Municipal Loan No. 6 of 1913	4	Registered	"	Nov. 1	7,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Dec. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	2,000.00	
		4	"	"	Dec. 1	4,000.00	

426,000.00

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1920	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911,	4	"	"	Jan. 1	4,000.00	
	Schools, Chap. 298, Acts of 1904	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	4,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Municipal Loan No. 1 of 1910	4	"	"	Mar. 1	21,000.00	
	Municipal Loan No. 1 of 1911	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 2 of 1911,	4	"	"	Mar. 1	3,000.00	
	Municipal Loan No. 3 of 1911,	4	"	"	Mar. 1	1,000.00	
	Municipal Loan No. 1 of 1912	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913	5	"	"	Mar. 1	25,000.00	
	Sewers, Chap. 474 Acts of 1910	4	"	"	Mar. 1	4,000.00	
	Wharves, Chap. 110, Acts of 1911,	4	"	"	Apr. 1	2,000.00	
	Municipal Bldg. Chap. 352, Acts 1907	4	"	"	May 1	4,000.00	
	Municipal Loan No. 2 of 1912	4	"	"	May 1	13,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	
	Municipal Loan No. 4 of 1912,	4	Registered	Serial	May 1	1,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Municipal Loan No. 2 of 1910,	4	"	"	June 1	4,000.00	
	Municipal Loan No. 4 of 1911,	4	"	"	June 1	8,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools	3½	"	Sinking Fd.	June 1	200,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	Serial	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	8,000.00	
	Sewers, Chap. 76 Acts of 1912,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	Registered	"	July 1	5,000.00	
	Highway Loan of 1910,	4	"	Sinking Fd.	July 1	50,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1920	Municipal Loan No. 5 of 1911	4	Registered	Serial	July 1	2,000.00	
	Municipal Loan No. 6 of 1911,	4	"	"	July 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907	4	"	"	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 5 of 1912,	4	Registered	"	Aug. 1	2,000.00	
	Municipal Loan No. 2 of 1913,	4½	"	"	Aug. 1	8,000.00	
	Municipal Loan No. 3 of 1913	4	"	"	Aug. 1	2,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913,	4½	"	"	Sept. 1	11,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Highway Loan No. 2 of 1911,	4	"	"	Oct. 1	1,000.00	
	Municipal Loan No. 3 of 1910	4	"	Sinking Fd.	Oct. 1	50,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	Serial	Oct. 1	8,000.00	
	Municipal Loan No. 7 of 1911	4	"	"	Nov. 1	2,000.00	
	Municipal Loan No. 7 of 1912,	4	"	"	Nov. 1	4,000.00	
	Municipal Loan No. 5 of 1913,	4	"	"	Nov. 1	3,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	20,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	7,000.00	
	Municipal Loan No. 6 of 1913	4	Registered	"	Dec. 1	8,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Dec. 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	4,000.00	
							667,000.00
1921	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911,	4	"	"	Jan. 1	4,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1921	Schools, Chap. 298, Acts of 1904	4	Registered	Serial	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	4,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Municipal Loan No. 1 of 1911	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 2 of 1911,	4	"	"	Mar. 1	3,000.00	
	Municipal Loan No. 3 of 1911,	4	"	"	Mar. 1	1,000.00	
	Municipal Loan No. 1 of 1912	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913	5	"	"	Mar. 1	25,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	Mar. 1	4,000.00	
	Wharves, Chap. 110, Acts of 1911,	4	"	"	Apr. 1	2,000.00	
	Municipal Bldg. Chap. 352, Acts 1907	4	"	"	May 1	4,000.00	
	Municipal Loan No. 2 of 1912	4	"	"	May 1	13,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	
	Municipal Loan No. 4 of 1912,	4	"	"	May 1	1,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Municipal Loan No. 4 of 1911,	4	"	"	June 1	8,000.00	
	Municipal Bldg., Chap. 352, Acts 1907,	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	8,000.00	
	Sewers, Chap. 76 Acts of 1912,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	July 1	5,000.00	
	Municipal Loan No. 5 of 1911	4	"	"	July 1	2,000.00	
	Municipal Loan No. 6 of 1911,	4	"	"	July 1	1,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907	4	"	"	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 5 of 1912,	4	Registered	"	Aug. 1	2,000.00	
	Municipal Loan No. 2 of 1913	4½	"	"	Aug. 1	8,000.00	
	Municipal Loan No. 3 of 1913,	4	"	"	Aug. 1	2,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1921	Library, Chap. 353, Acts of 1907,	4	Registered	Serial	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913,	4½	"	"	Sept. 1	11,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910	4¼	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Highway Loan No. 2 of 1911,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Municipal Loan No. 7 of 1911	4	"	"	Nov. 1	2,000.00	
	Municipal Loan No. 7 of 1912,	4	"	"	Nov. 1	4,000.00	
	Municipal Loan No. 5 of 1913,	4	"	"	Nov. 1	3,000.00	
	Purchase St. Widening, C. 589, of 1913	4	Coupon	"	Nov. 1	20,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	7,000.00	
	Municipal Loan No. 6 of 1913	4	Registered	"	Dec. 1	8,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Dec. 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	4,000.00	
							341,000.00
1922	High School, Chap. 385, Acts of 1903	3½	"	"	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907,	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Municipal Loan No. 8 of 1911	4	"	"	Jan. 1	4,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Municipal Loan No. 1 of 1912,	4	"	"	Mar. 1	15,000.00	
	Municipal Loan No. 1 of 1913	5	"	"	Mar. 1	25,000.00	
	Schools,	3½	"	Sinking Fd.	Mar. 1	65,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	Serial	Mar. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	Serial	May 1	4,000.00	
	Municipal Loan No. 2 of 1912,	4	"	"	May 1	13,000.00	
	Municipal Loan No. 3 of 1912,	4	"	"	May 1	1,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1922	Municipal Loan No. 4 of 1912, Sewers, Chap. 131, Acts of 1911,	4	Registered	Serial	May 1	1,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	May 1	6,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	4,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Coupon	"	June 1	8,000.00	
	Water, Chap. 202, Acts of 1909,	4	Registered	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907,	4	"	"	July 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913	4	"	"	July 1	15,000.00	
	Municipal Loan No. 5 of 1912,	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 2 of 1913	4	Registered	"	Aug. 1	2,000.00	
	Municipal Loan No. 3 of 1913	4½	"	"	Aug. 1	8,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Aug. 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	4,000.00	
	Municipal Loan No. 6 of 1912,	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913	4	"	"	Sept. 1	5,000.00	
	Schools, Chap. 123, Acts of 1911,	4½	"	"	Sept. 1	11,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chapter 474, Acts of 1910	4	"	"	Sept. 1	4,000.00	
	Water, Chap. 202, Acts of 1909,	4½	"	"	Sept. 1	5,000.00	
	Bridge, Chap. 540, Acts of 1916,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Oct. 1	1,000.00	
	Municipal Loan No. 7 of 1912,	4	"	"	Oct. 1	8,000.00	
	Municipal Loan No. 5 of 1913,	4	"	"	Nov. 1	4,000.00	
	Purchase St. Widening C 589 of 1913	4	"	"	Nov. 1	3,000.00	
	Union St. Widening, C. 609 of 1913	4	Coupon	"	Nov. 1	20,000.00	
	Municipal Loan No. 6 of 1913	4	"	"	Nov. 1	6,000.00	
	Schools, Chap. 298, Acts of 1904,	4	Registered	"	Dec. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	2,000.00	
		4	"	"	Dec. 1	3,000.00	

\$368,000.00

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1923	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907,	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Schools,	3½	"	"	Jan. 1	120,000.00	
	Municipal Loan No. 1 of 1913	5	"	Sinking Fd. Serial	Feb. 1	25,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Mar. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	Serial	Mar. 1	4,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	June 1	3,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	Registered	"	July 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907,	4	"	"	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913	4	Coupon	"	July 1	4,000.00	
	Municipal Loan No. 2 of 1913,	4½	Registered	"	July 1	8,000.00	
	Municipal Loan No. 3 of 1913,	4	"	"	Aug. 1	2,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Aug. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Municipal Loan No. 4 of 1913	4½	"	"	Sept. 1	11,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1923	Bridge, Chap. 549, Acts of 1910,	4	Registered	Serial	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Oct. 1	8,000.00	
	Municipal Loan No. 5 of 1913	4	"	"	Nov. 1	3,000.00	
	Purchase St. Widening, C. 589 of 1913	4	"	"	Nov. 1	20,000.00	
	Union St. Widening, C. 609 of 1913,	4	"	"	Nov. 1	6,000.00	
	Municipal Loan No. 6 of 1913,	4	"	"	Dec. 1	8,000.00	
	Schools,	4	"	Sinking Fd.	Dec. 1	50,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	Serial	Dec. 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	
							\$425,000.00
1924	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Jan. 1	3,000.00	
	Library, Chap. 353, Acts of 1907,	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Mar. 1	3,000.00	
	Water,	4	"	Sinking Fd.	April 1	120,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	Serial	May 1	4,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water Chap. 75, Acts of 1912.	4	"	"	May 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	May 1	6,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	2,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Coupon	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Registered	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	July 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907,	4	"	"	July 1	15,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1924	Sewers, Chap. 183, Acts of 1913,	4	Coupon	Serial	July 1	3,000.00	
	Library, Chap. 353, Acts of 1907,	4	Registered	"	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4 $\frac{1}{4}$	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Oct. 1	8,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	20,000.00	
	Union Street Widening, C. 609 of 1913	4	"	"	Nov. 1	6,000.00	
	Schools, Chap. 298, Acts of 1904,	4	Registered	"	Dec. 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	
	Water,	4	Coupon	Sinking Fd.	Dec. 15	186,000.00	
	Water,	4	Registered	"	Dec. 15	14,000.00	
		4					\$514,000.00
1925	High School, Chap. 385, Acts of 1903	3 $\frac{1}{2}$	"	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907,	3 $\frac{1}{2}$	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 298, Acts of 1904,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Mar. 1	3,000.00	
	Sewers,	4	"	Sinking Fd.	April 1	58,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	Serial	May 1	4,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Coupon	"	June 1	5,000.00	
			Registered				

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1925	Water, Chap. 202, Acts of 1909,	4	Coupon	Serial	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	3½	Registered	Sinking Fd.	July 1	100,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	Serial	July 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools,	4	"	Sinking Fd.	July 1	21,000.00	
	Schools, Chap. 185, Acts of 1907,	4	"	Serial	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913,	4	Coupon	"	July 1	3,000.00	
	Library, Chap. 353, Acts of 1907,	4	Registered	"	Sept. 1	4,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Oct. 1	8,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	20,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	6,000.00	
1926	Schools, Chap. 298, Acts of 1904,	4	Registered	"	Dec. 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	\$368,000.00
	High School, Chap. 385, Acts of 1903	3½	"	"	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907,	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Mar. 1	3,000.00	
	Water,	4	Coupon	Sinking Fd.	April 1	399,000.00	
	Water,	4	Registered	"	April 1	1,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	Serial	May 1	4,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water Chap. 75, Acts of 1912,	4	"	"	May 1	6,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1916	Schools, Chap. 144, Acts of 1909,	4	Registered	Serial	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	Registered	"	July 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907,	4	"	"	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913,	4	Coupon	"	July 1	3,000.00	
	Library Chap. 353, Acts of 1907,	4	Registered	"	Sept. 1	3,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	9,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Oct. 1	8,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	20,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Dec. 1	3,000.00	\$583,000.00
1927	High School, Chap. 385, Acts of 1903	3½	"	"	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907,	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Water,	4	Coupon Sinking Fd.		Jan. 1	599,000.00	
	Water,	4	Registered	"	Jan. 1	1,000.00	
	Sewers,	4	"	"	Mar. 1	69,000.00	
	Sewers, Chap. 474 Acts of 1910	4	"	Serial	Mar. 1	3,000.00	
	Engine House,	4	"	"	May 1	20,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	Serial	May 1	4,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1927	Water Chap. 75, Acts of 1912,	4	Registered	Serial	May 1	6,000.00	
	Wharves, Chap. 159, Acts of 1897,	4	"	Sinking Fd.	May 1	52,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	Serial	June 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 76, Acts of 1912,	4	Coupon	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Registered	"	July 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	July 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	3½	"	"	July 1	15,000.00	
	Schools, Chap. 185, Acts of 1907,	4	"	"	July 1	3,000.00	
	Sewers, Chap. 183, Acts of 1913,	4	Coupon	"	July 1	3,000.00	
	Library, Chap. 353, Acts of 1907,	4	Registered	"	Sept. 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	9,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	3,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	1,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	8,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Oct. 1	20,000.00	
	Purchase St. Widening C. 589 of 1913	4	Coupon	"	Nov. 1	6,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Dec. 1		\$924,000.00
1928	High School, Chap. 385, Acts of 1903	3½	"	"	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907,	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Sewers,	3½	"	"	Jan. 1	35,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	Sinking Fd.	Feb. 1		
	Municipal Bldg., Chap. 352, Acts 1907	4	"	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	4,000.00	
		4	"	"	May 1	5,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1928	Water, Chap. 65, Acts of 1911,	4	Registered	Serial	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts of 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Coupon	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Registered	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	Coupon	"	June 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907,	3½	Registered	"	July 1	5,000.00	
	Schools, Chap. 185, Acts of 1907,	4	"	"	July 1	15,000.00	
	Sewers, Chap. 183, Acts of 1913,	4	"	"	July 1	3,000.00	
	Library, Chap. 353, Acts of 1907,	4	Coupon	"	July 1	3,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	Registered	"	Sept. 1	5,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Sept. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Oct. 1	8,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Oct. 1	20,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Dec. 1	3,000.00	\$216,000.00
1929	High School, Chap. 385, Acts of 1903	3½	Registered	Serial	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907,	3½	"	"	Jan. 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Sewers,	3½	"	Sinking Fd.	Feb. 1	33,000.00	
	Sewers, Chap. 474 Acts of 1910	4	"	Serial	Mar. 1	3,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	May 1	4,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1929	Water, Chap. 65, Acts of 1911,	4	Registered	Serial	May 1	5,000.00	
	Water Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	2,000.00	
	Municipal Bldg., Chap. 352, Acts of 1907	4	"	"	June 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	Registered	"	July 1	5,000.00	
	Municipal Bldg., Chap. 352, Acts 1907,	3½	"	"	July 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913	4	Coupon	"	July 1	3,000.00	
	Library, Chap. 353, Acts of 1907,	4	Registered	"	Sept. 1	3,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	Sept. 1	5,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Oct. 1	8,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	20,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Dec. 1	3,000.00	\$199,000.00
1930	High School, Chap. 385, Acts of 1903	3½	"	"	Jan. 1	5,000.00	
	High School, Chap. 385, Acts of 1903	4	"	"	Jan. 1	10,000.00	
	Library, Chap. 353, Acts of 1907,	4	"	"	Jan. 1	5,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Mar. 1	3,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	"	"	May 1	4,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	2,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1930	Schools; Chap. 144, Acts of 1909, Municipal Bldg., Chap. 352, Acts of 1907	4	Registered	Serial	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910	4	Coupon	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4	Registered	"	June 1	6,000.00	
	Water, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	3½	"	Sinking Fd.	June 1	48,000.00	
	High School, Chap. 385, Acts of 1903,	4	Coupon	Serial	June 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913	4	Registered	"	July 1	5,000.00	
	Library, Chap. 353, Acts of 1907,	4	Coupon	"	Sept. 1	3,000.00	
	Municipal Bldg., Chap. 352, Acts 1907	4	Registered	"	Sept. 1	3,000.00	
	Schools, Chap. 123, Acts of 1911,	4	"	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4¼	"	"	Oct. 1	1,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Oct. 1	8,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 184, Acts of 1907	4	"	"	Sept. 1	5,000.00	
	Purchase St. Widening, C. 589 of 1913	4	"	"	Sept. 1	3,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Oct. 1	1,000.00	
	Schoolhouse Construction of 1910,	4	"	"	Oct. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Coupon	"	Nov. 1	19,000.00	
		4	Registered	"	Nov. 1	6,000.00	
		4	"	Sinking Fd.	Dec. 1	14,000.00	
		4	"	Serial	Dec. 1	3,000.00	\$217,000.00
1931	High School, Chap. 385, Acts of 1903,	4	Registered	Serial	Jan. 1	10,000.00	
	Schools, Chap. 144, Acts of 1909,	4	"	"	Jan. 1	3,000.00	
	Schools, Chap. 233, Acts of 1910,	4	"	"	Jan. 1	7,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Mar. 1	3,000.00	
	Municipal Bldg., Chap. 352, Acts 1907,	4	"	"	May 1	4,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chapter 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	2,000.00	
	High School, Chap. 385, Acts of 1903,	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910	4	Coupon	"	June 1	5,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1931	High School, Chap. 385, Acts of 1903,	4	Registered	Serial	July 1	5,000.00	\$127,000.00
	Sewers, Chap. 183 Acts of 1913	4	Coupon	"	July 1	3,000.00	
	Schools, Chap. 123, Acts of 1911,	4	Registered	"	Sept. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910	4 $\frac{1}{4}$	"	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	19,000.00	
	Union St. Widening C. 609 of 1913	4	"	"	Nov. 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Dec. 1	3,000.00	
1932	High School, Chap. 385, Acts of 1903,	4	Registered	Serial	Jan. 1	5,000.00	
	Sewers,	3 $\frac{1}{2}$	"	Sinking Fd.	Mar. 1	30,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chapter 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	High School. Chap. 385, Acts of 1903,	4	"	"	June 1	2,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Coupon	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Registered	"	June 1	4,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	1,000.00	
	Sewers, Chap. 183, Acts of 1913	4	Registered	"	July 1	3,000.00	
	Schools, Chap. 123, Acts of 1911,	4	Coupon	"	Sept. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4 $\frac{1}{4}$	"	"	Sept. 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Purchase St. Widening, C. 589 of 1913	4	Coupon	"	Nov. 1	19,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Dec. 1	3,000.00	
							133,000.00

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1933	Sewers, Chap. 474, Acts of 1910	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4	Coupon	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	Registered	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913,	4	"	"	July 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4 $\frac{1}{4}$	Registered	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Purchase St. Widening C. 589 of 1913	4	Coupon	"	Nov. 1	19,000.00	
	Union St. Widening, C. 609 of 1913	4	"	"	Nov. 1	6,000.00	
	Sewers,	4	Registered	Sinking Fd.	Dec. 1	30,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	Serial	Dec. 1	3,000.00	118,000.00
1934	Sewers, Chap. 474, Acts of 1910,	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910	4 $\frac{1}{2}$	"	"	June 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913,	4 $\frac{1}{2}$	Registered	"	July 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4 $\frac{1}{4}$	"	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Sept. 1	3,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	63,000.00

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1935	Sewers, Chap. 474, Acts of 1910	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4 $\frac{1}{2}$	"	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	Sewers,	4	Registered	Sinking Fd.	July 1	62,000.00	
	Sewers, Chap. 183, Acts of 1913	4 $\frac{1}{2}$	"	Serial	July 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4 $\frac{1}{4}$	"	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	Serial	Sept. 1	3,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	
							125,000.00
1936	Sewers, Chap. 474, Acts of 1910,	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4 $\frac{1}{2}$	"	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913	4 $\frac{1}{2}$	Coupon	"	July 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4 $\frac{1}{4}$	Registered	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Sept. 1	3,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	
							63,000.00

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1937	Sewers, Chap. 474, Acts of 1910	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4½	"	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	June 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913	4½	Coupon	"	July 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4½	Registered	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Sept. 1	3,000.00	
	Water, Chap. 202, Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 184, Acts of 1907,	4	"	"	Oct. 1	8,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	63,000.00
1938	Sewers, Chap. 474, Acts of 1910	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4½	"	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913	4½	Registered	"	July 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4½	"	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Water, Chap. 202., Acts of 1909,	4	"	"	Oct. 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	54,000.00
1939	Sewers, Chap. 474, Acts of 1910,	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	4,000.00	

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1939	Sewers, Chap. 474, Acts of 1910	4½	Registered	Serial	June 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913	4½	Registered	"	July 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4½	"	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Sept. 1	3,000.00	
	Water, Chap. 202., Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	
							54,000.00
1940	Sewers, Chap. 474, Acts of 1910	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910	4½	"	"	June 1	6,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
	Water, Chap. 202, Acts of 1909,	4	Coupon	"	June 1	5,000.00	
	Sewers, Chap. 183, Acts of 1913,	4½	Registered	"	July 1	3,000.00	
	Sewers, Chap. 474, Acts of 1910,	4½	"	"	Sept. 1	5,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	Registered	"	Sept. 1	3,000.00	
	Water, Chap. 202., Acts of 1909,	4	"	"	Sept. 1	3,000.00	
	Bridge, Chap. 549, Acts of 1910,	4	"	"	Oct. 1	1,000.00	
	Sewers, Chap. 474, Acts of 1910,	4	"	"	Dec. 1	3,000.00	
1941	Sewers, Chap. 474, Acts of 1910	4	Registered	Serial	Mar. 1	3,000.00	
	Sewers, Chap. 131, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 65, Acts of 1911,	4	"	"	May 1	5,000.00	
	Water, Chap. 75, Acts of 1912,	4	"	"	May 1	4,000.00	
	Sewers, Chap. 474, Acts of 1910	4½	"	"	June 1	6,000.00	
	Sewers, Chap. 474, Acts of 1910	4	"	"	June 1	3,000.00	
	Sewers, Chap. 76, Acts of 1912,	4	"	"	June 1	5,000.00	
							54,000.00

NEW BEDFORD BONDED DEBT PAYABLE. — Continued.

Year	Title of Loan	Rate	Class	Payment	Date	Amount	Totals
1941	Sewers, Chap. 183, Acts of 1913, Sewers, Chap. 474, Acts of 1910 Sewers, Chap. 474, Acts of 1910, Sewers, Chap. 474, Acts of 1910,	4½ 4¼ 4 4	Registered " " "	Serial " " "	July 1 Sept. 1 Sept. 1 Dec. 1	3,000.00 5,000.00 3,000.00 3,000.00	45,000.00
1942	Sewers, Chap. 474, Acts of 1910 Parks, Chap. 150, Acts of 1892, Water, Chap. 75, Acts of 1912, Sewers, Chap. 474, Acts of 1910, Sewers, Chap. 474, Acts of 1910 Sewers, Chap. 76, Act of 1912, Sewers, Chap. 183, Acts of 1913 Sewers, Chap. 474, Acts of 1910 Sewers, Chap. 474, Acts of 1910,	4 4 4 4 4½ 4 4½ 4½ 4¼ 4	Registered " " " " " " " " "	Serial Sinking Fd. Serial " " " " " "	Mar. 1 Apr. 1 May 1 June 1 June 1 June 1 July 1 Sept. 1 Sept. 1	3,000.00 100,000.00 4,000.00 3,000.00 6,000.00 5,000.00 3,000.00 5,000.00 3,000.00	132,000.00
1943	Sewers, Chap. 474, Acts of 1910 Sewers, Chap. 474, Acts of 1910 Sewers, Chap. 183, Acts of 1913 Sewers, Chap. 474, Acts of 1910	4 4½ 4½ 4¼	Registered " " "	Serial " " "	Mar. 1 June 1 July 1 Sept. 1	3,000.00 6,000.00 3,000.00 5,000.00	17,000.00
1951	Parks, Chap. 140, Acts of 1898,	3½	Registered	Sinking Fd.	July 1	28,000.00	28,000.00
1957	Parks, Chap. 140, Acts of 1898, Bridge, Chap. 368, Acts of 1893, Bridge, Chap. 439, Acts of 1900,	4 4 4	Registered " "	Sinking Fd. " "	Jan. 1 Jan. 1 Jan. 1	72,000.00 523,000.00 254,000.00	849,000.00
1894	Improvement,	6	Coupon		Overdue		1,000.00
Total.....						\$9,946,000.00	

RECAPITULATION, NEW BEDFORD BONDED DEBT PAYABLE.

Year	Sinking Fund From Tax Levy	Sinking Fund From Water Rates	Sinking Fund From Wharf Income	Serial From Tax Levy	Serial From Water Rates	Serial From Wharf Income	Totals
1914	\$ 32,000.00			\$ 436,000.00	\$ 21,000.00	\$3,000.00	\$492,000.00
1915	110,000.00			435,000.00	21,000.00	3,000.00	569,000.00
1916				433,000.00	19,000.00	3,000.00	455,000.00
1917	268,000.00			432,000.00	19,000.00	3,000.00	722,000.00
1918	92,000.00	\$ 20,000.00		401,000.00	19,000.00	2,000.00	534,000.00
1919	30,000.00			375,000.00	19,000.00	2,000.00	426,000.00
1920	300,000.00			346,000.00	19,000.00	2,000.00	667,000.00
1921				320,000.00	19,000.00	2,000.00	341,000.00
1922	65,000.00			284,000.00	19,000.00		368,000.00
1923	170,000.00			236,000.00	19,000.00		425,000.00
1924		320,000.00		175,000.00	19,000.00		514,000.00
1925	179,000.00			170,000.00	19,000.00		368,000.00
1926		400,000.00		164,000.00	19,000.00		583,000.00
1927	89,000.00	600,000.00	52,000.00	164,000.00	19,000.00		924,000.00
1928	35,000.00			163,000.00	18,000.00		216,000.00
1929	33,000.00			148,000.00	18,000.00		199,000.00
1930	14,000.00	48,000.00		137,000.00	18,000.00		217,000.00
1931				109,000.00	18,000.00		127,000.00
1932	30,000.00			85,000.00	18,000.00		133,000.00
1933	30,000.00			70,000.00	18,000.00		118,000.00
1934				45,000.00	18,000.00		63,000.00
1935	62,000.00			45,000.00	18,000.00		125,000.00
1936				45,000.00	18,000.00		63,000.00
1937				45,000.00	18,000.00		63,000.00
1938				37,000.00	17,000.00		54,000.00
1939				37,000.00	17,000.00		54,000.00
1940				37,000.00	17,000.00		54,000.00
1941				36,000.00	9,000.00		45,000.00
1942	100,000.00			28,000.00	4,000.00		132,000.00
1943				17,000.00			17,000.00
1951	28,000.00						28,000.00
1957	849,000.00						849,000.00
Totals	\$2,516,000.00	\$1,388,000.00	\$52,000.00	\$5,455,000.00(a)	\$514,000.00	\$20,000.00	\$9,945,000.00(a)
Overdue							1,000.00
Total bonded debt,	-	-	-	-	-	-	\$9,946,000.00

(a) Includes the following loans, dated in 1913, proceeds received after close of fiscal year 1913, viz : --

Purchase Street Widening Loan	\$300,000.00
Union Street Widening Loan	128,000.00
Municipal Loan No. 3 of 1913	20,000.00
Municipal Loan No. 6 of 1913	80,000.00
	<u>\$624,000.00</u>

ANNUAL REPORT
OF THE
COLLECTOR OF TAXES.

January 1, 1914.

To the City Council of the City of New Bedford.

Gentlemen : — In compliance with the ordinance requiring that the annual report of the Collector of Taxes shall be made to the City Council annually in January, I submit herewith detailed statements of all collections made during the fiscal year ending November 30, 1913, together with a statement of taxes remaining unpaid.

Respectfully submitted,

WILLIAM S. COOK,
Collector of Taxes.

STATEMENT OF SEWER ASSESSMENTS.

Name of Sewer	Debits	Credits	Uncollected Nov. 30 1913
Felton St. (Wood St. southerly)	\$289.25	\$289.25	\$
Bowditch St. (Beleville Rd. to Query St.)	441.79	441.79	
Princeton St. (Acushnet Av. to Bowditch St.)	22.70	22.70	
Elizabeth St. (West St. to Brigham St.)	28.42	28.42	
Fern St. (Butler St. southerly)	161.94	161.94	
Mt. Vernon St. (Shawmut Av. easterly)	24.13	24.13	
Coggeshall St. (present terminus to Myrtle St.)	13.48	13.48	
Bowditch St. (Clifford St. northerly)	67.39	67.39	
Morgan St. (Chancery St. to Park St.)	13.61	13.61	
Sagamore St. (Bolton Rd. to Dartmouth St.)	23.56	23.56	
Allen St. (Brownell St. westerly)	709.05	709.05	
Arnold St. (Reed St. easterly)	22.80	22.80	
Beech St. (Maxfield St. northerly)	29.30	29.30	
Beleville Rd. (Bowditch St. westerly)	182.85	182.85	
Beleville Rd. (Brook St. easterly)	205.64	205.64	
Brigham and Plymouth Sts.	123.77	123.77	
Chancery St. (Morgan St. southerly)	65.24	65.24	
Clara St. (East French Av. westerly)	214.85	214.85	
Edward St. (Dartmouth St. westerly)	91.18	91.18	
Emerson St. (Elm St. northerly)	99.29	99.29	
Frederick St. (East French Av. to Brock Av.)	1,012.53	1,012.53	
Mill St. (Liberty St. to Lindsey St.)	209.52	209.52	
Nelson St. (Second St. westerly)	44.13	44.13	
Penniman St. (present terminus to Mt. Pleasant St.)	165.32	165.32	
Pope St. (Chestnut St. westerly)	39.98	39.98	
Query St. (Conduit St. to Acushnet Av.)	304.79	304.79	
Rounds St. (Arnold St. to south of Union St.)	31.06	31.06	
Sawyer St. (West of Reynolds St to Mt. Pleasant St.)	830.36	830.36	
West French Av. and Capitol St.	666.21	666.21	
Acushnet Av. and Shaw St.	1,616.56	1,616.56	
Central Av. (Acushnet Ave. to Bowditch St.)	1,340.97	1,340.97	
Edna St. (Wood St. southerly)	23.52	23.52	
Felton St. Wood St. northerly	94.80	94.80	
Sylvia St. (Beleville Av. westerly)	173.39	173.39	
Acushnet Av. and Wood St	2,619.54	1,303.95	1,315.59
Ashland St. (Penniman St. northerly)	166.61	166.61	
Ashland St. (Sawyer St. northerly)	228.95	112.40	116.55
Bedford St. (West St. to Brigham St.)	342.94	342.94	
Bolton and Jenkins Sts.	1,382.97	1,305.35	77.62
Hatch St. (west of Beleville Av. to Acushnet Av.)	3,452.35	1,196.62	2,255.73
Highland St. (south of Mt. Vernon St. to north of same)	915.93	915.93	
Hunter St. (south of Hillman St. to Hillman St.)	230.71	101.58	129.13
Jenny Lind St. (Lexington St. to Fairmount St.)	228.65	194.36	34.29
Mt. Pleasant St. (Penniman St. northerly)	330.79	330.79	
Plymouth St. (east of Brownell St. to Palmer St.)	594.08	500.01	94.07
Stackhouse St. (Rockdale Av. to Matthew St.)	1,087.73	847.65	240.08

COLLECTORS REPORT.

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Stephen St. (Rockdale Av. to Matthew St.)	964.77	591.44	373.33
Tarkiln Hill Rd. (Acushnet Av. to Pine Grove St.)	6,321.75	4,351.00	1,970.75
Capitol and Apponagansett Sts.	1,702.50	750.72	951.78
Rockdale Av. (Hemlock St. to Stackhouse St.)	2,573.24	1,797.53	775.71
Adams St. (Mt. Pleasant St. to Highland St.)	485.30	192.82	292.48
Bedford St. (Brownell St. to Brigham St.)	541.01	487.24	53.77
Bolton and Winsper Sts.	1,818.32	1,787.52	30.80
Edison St. (Nash Rd. to Belleville Rd.)	597.75	495.71	102.04
Emery St. (Brock Av. westerly)	271.62	175.17	96.45
Myrtle St. (Penniman St. northerly)	145.88	92.99	52.89
Central Av. (Bowditch St. westerly)	315.22	59.96	255.26
Milford St. (Irvington St. northerly)	520.16	327.20	192.96
Rochambeau St. (Irvington St. northerly)	168.61	168.61	
Tarkiln Hill Rd. (Pine Grove St. to Lowell St.)	1,233.00	846.34	386.66
Bowditch and Irvington Sts.	843.10	502.36	340.74
Ellen St. (Brock Av. to Freeman St.)	313.22	313.22	
Ellen St. (Cleveland St. westerly)	501.87	305.37	196.50
Scott St.	241.36	81.93	159.43
Shaw St. (Bowditch St. westerly)	441.24	258.76	182.48
Conduit St. and Central Av.	1,182.24	1,073.55	108.69
Hadley, Kearsarge and Ingraham Sts.	2,693.78	1,827.82	865.96
Morgan St. (east of Cottage St. to Cedar St.	729.65	651.15	78.50
Rivet and First Sts.	858.08	667.69	190.39
Washburn St. (across Acushnet Av.	176.28	123.40	52.88
Armor St. (Arnold St. northerly)	365.58	7.90	357.68
Beech St. (Maxfield St. southerly and northerly)	146.16	29.58	116.58
Brownell St. (Arnold St. northerly)	612.44	146.78	465.66
Clifford St. (Bowditch St. westerly)	486.69	155.68	331.01
Glover St. (Austin St. northerly)	204.78	102.96	101.82
Oaklawn St. (West French Ave. easterly)	2,129.41	382.35	1,747.06
Rockdale Ave. and Hillman St.	2,473.29	168.19	2,305.10
Yates St. (Tarkiln Hill Rd. northerly)	162.32		162.32
Brook and Glennon Sts.	967.50		967.50
Bank St.	837.85	29.35	808.50
Brock Av. and Aquidneck St.	1,628.63	181.07	1,447.56
Calumet St. (Brock Av. to West French Av.)	1,042.56	42.48	1,000.08
Chancery St. (Tilton St. to Robeson St.)	289.91		289.91
Jenney St. (Norh St. to Hillman St.)	118.25	59.19	59.06
Kempton St. (present terminus to Jenny Lind St.)	783.00		783.00
Maple St. (Reed St. to Brownell St.)	1,237.22	267.57	969.65
Matthew St. (Dartmouth St. westerly)	921.65		921.65
North St. (Liberty St. to James St.)	534.14	352.10	182.04
Sowle St. (Brooklawn Park to Wood St.)	200.03	14.89	185.14
Whitman St. (Acushnet Av. westerly)	512.71		512.71
Wood St. (present terminus to Moynan St.)	486.82		486.82

\$62,745.52 \$36,571.16 *\$26,174.36

*Credits consist of Cash \$35,641.88
 Abatements 441.79
 Assessments against city property 487.49

STATEMENT OF TAX COLLECTIONS

DR.

	1913	1912	1911	1910
Uncollected Balances November 30, 1912, 1913 Assessors' Warrants in Detail:		\$151,479.04	\$12,230.39	\$11,118.26
State Tax,	\$193,920.00			
Grade Crossing Tax,	9,376.00			
County Tax,	123,420.17			
City Tax, Department Appropriations				
Less Income	1,121,252.00			
City Tax, Debt Appropriations,	697,316.14			
Overlay,	24,017.54			
Non-Resident Bank Tax,	42,320.94			
Excise Taxes, Vessels in Foreign Trade,	10.00			
Excise Taxes, Street Railways,	11,006.01			
Additional Warrants and Re-Assessments	923.37	3,441.70	.92	
Total Debits,	\$2,223,562.17	\$154,920.74	\$12,231.31	\$11,118.26

CR.

Collections,— Real Estate,				
Personal	\$1,170,034.64	\$115,139.75	\$ 63.66	\$ 9.98
Polls,	733,731.88	13,280.09	59.34	13.23
Resident Bank Tax,	32,044.00	14,048.00	128.00	48.00
Non-Resident Bank Tax,	32,055.46			
Excise Taxes, Vessels in Foreign Trade,	42,320.94			
Excise Taxes, (Street Railways)	10.00			
Abatements,—Real Estate,	11,006.01			
Personal,	4,745.35	975.81	24.38	
Polls,	3,404.66	1,424.87	708.54	497.84
	154.00	372.00	160.00	10,706.00
Total Credits,	\$2,029,506.94	\$145,240.52	1,143.92	11,275.05
Balances uncollected November 30, 1913,	\$ 194,055.23	\$ 9,680.22	11,087.39	**
Abatements issued by Assessors but not presented to Collector	105.46	4.89		

Percentages collected from dates of assessment to November 30, 1913, 91.27 percent 99.52 percent 99.39 percent.

** Excess of Collections over Warrants, \$156.79.

Note.—In addition to the above there was collected during the year the sum of \$63.18 of 1909 taxes.

PERCENTAGES OF COLLECTIONS OF WARRANTS FOR 1913 TAXES.

	Assessments	Collected and Abated	Uncollected	Percent. Collected
Real Estate,	\$1,310,271.00	\$1,174,779.99	\$133,491.01	89.65 %
Personal Estate,	801,690.22	769,192.00	32,498.22	95.94
Polls,	58,264.00	32,198.00	26,066.00	55.26
Totals,	\$2,170,225.22	\$1,976,169.99	\$194,055.23	91.27 %

NATIONAL BANK TAXES IN DETAIL.

Name	Due City	Due State	Totals
First National,	\$11,543.09	\$15,322.91	\$26,866.00
Mechanics' National,	8,033.47	9,782.93	17,816.40
Merchants' National,	12,478.90	17,215.10	29,694.00
Totals, as figured by Assessors	\$32,055.46	\$42,320.94	\$74,376.40
Added by Tax Commissioner,		507.19	
Deduction from City,	507.19		
Revised Totals,	\$31,548.27	\$42,828.13	\$74,376.40

STREET RAILWAY EXCISE TAXES IN DETAIL.

Bay State Street Railway Company,	\$1,130.14
Union Street Railway Company,	9,875.87
Total,	\$11,006.01

We have examined the foregoing and believe the same to be correct.

ALDEGE CHAUSSE,
JAMES F. COLLINS,
LOUIS N. SCHULER.

Sub-Committee of the Joint Standing Committee on Finance appointed to examine the books and accounts of the City Treasurer, Collector of Taxes, and City Auditor.

REPORT

OF THE

Treasurer of the Sinking Funds.

City of New Bedford, Mass.
January 1, 1914.

*To the Commissioners of the Sinking Funds of the
City of New Bedford.*

Gentlemen : — Herewith find a statement of my accounts as Treasurer of the Sinking Funds for the year 1913, together with a list of the securities in the fund.

DR.

Par value of Sinking Fund Investments, close of 1912	\$1,964,632.09
City of New Bedford, from Taxation	75,641.00
" Water Revenue	27,930.00
" Wharf Revenue	1,061.00
Premium Account	2,271.40
Interest Account	77,497.84
	\$2,149,033.33

CR.

Accrued interest on securities purchased	\$1,579.82
Sinking Fund No. 44, matured February 1, 1913	80,000.00
No. 19, matured April 1, 1913	108,000.00
No. 45, matured May 1, 1913	30,000.00
No. 46, matured December 1, 1913	120,000.00
Par value of Sinking Fund Investments, close of 1913	1,809,453.51
	\$2,149,033.33

INVESTMENT OF NEW BEDFORD SINKING FUNDS, 1913.

1914	Jan.	1	Mattapoisett,	3 $\frac{3}{4}$	\$ 750.00	
	Jan.	2	Union St. Ry. Co.,	5	5,000.00	
	Sept.	1	Vergennes,	4	5,000.00	
	Oct.	1	New Bedford,	4	7,000.00	
	Oct.	1	Plymouth,	3 $\frac{3}{4}$	800.00	
	Oct.	1	Revere,	4	500.00	
					<hr/>	\$19,050.00
1915	Feb.	1	West End St. Ry.,	4	\$3,000.00	
	June	1	Taunton,	4	1,000.00	
	July	1	Aroostook Co.,	4 $\frac{1}{2}$	5,000.00	
	July	1	New Bedford,	4	17,000.00	
	Sept.	1	Attleboro,	4	5,000.00	
	Oct.	1	New Bedford,	4	6,000.00	
	Oct.	1	Revere,	4	500.00	
	Dec.	1	Dighton, Somerset & Swansea St. Ry.	5	20,000.00	
	Dec.	1	Taunton,	4	12,000.00	
					<hr/>	\$69,500.00
1916	Jan.	1	Malden,	4	\$10,000.00	
	Mar.	1	Fall River,	4	5,000.00	
	May	1	Quincy,	4	1,000.00	
	July	1	New Bedford,	4	5,000.00	
	Aug.	1	Fall River,	4	19,000.00	
	Oct.	1	Framingham,	4	5,000.00	
	Oct.	1	New Bedford,	4	9,000.00	
					<hr/>	\$54,000.00
1917	Feb.	1	New Bedford,	4	\$21,000.00	
	Feb.	1	West End St. Ry.,	4	6,000.00	
	Mar.	1	New Bedford,	4	38,000.00	
	Apr.	1	Waltham,	4	6,000.00	
	May	1	Quincy,	4	3,000.00	
	June	1	Northwestern Union,	7	6,000.00	
	July	1	Milwaukee,	4	5,000.00	
	July	1	New Bedford,	4	5,000.00	
	Oct.	1	Boston,	4	3,000.00	
					<hr/>	\$93,000.00
1918	Feb.	1	New Bedford,	3 $\frac{1}{2}$	\$4,000.00	
	May	1	Quincy,	4	3,000.00	
	July	1	Burlington & Mo. River	6	4,000.00	
	July	1	New Bedford,	4	5,000.00	
	Aug.	1	Medford,	4	30,000.00	
	Aug.	1	New Britain,	4	25,000.00	
	Oct.	1	Clinton,	3 $\frac{1}{2}$	1,000.00	
	Oct.	1	Wakefield,	4	9,000.00	
					<hr/>	\$81,000.00
1919	Feb.	1	New Bedford,	3 $\frac{1}{2}$	\$7,000.00	
	May	1	Quincy,	4	3,000.00	
	July	1	Boston,	3 $\frac{1}{2}$	10,000.00	
	Oct.	1	Clinton,	3 $\frac{1}{2}$	2,000.00	

	Oct.	1	C. B. & Q.,	4	6,000.00
	Dec.	1	Saginaw,	4	10,000.00
					<hr/>
					\$38,000.00
1920	May	1	Quincy,	4	3,000.00
	June	1	New Bedford,	3½	56,000.00
	July	1	Syracuse,	3½	5,000.00
	Dec.	1	Citizens' Elec. Ry.,	5	1,000.00
					<hr/>
					\$65,000.00
1921	May	1	Quincy,	4	\$3,000.00
	Oct.	1	Clinton,	3½	1,000.00
	Oct.	1	Fitchburg R. R.,	3½	15,000.00
	Oct.	1	Haverhill,	4	20,000.00
	Nov.	1	Boston & Maine,	3½	2,000.00
	Dec.	1	Middletown	3½	5,000.00
					<hr/>
					\$46,000.00
1922	Jan.	1	Lynn,	4	\$5,000.00
	Mar.	1	New Bedford,	3½	2,000.00
	May	1	Quincy,	4	3,000.00
	June	1	Boston,	3½	2,000.00
	July	1	Barre,	3½	3,000.00
	July	1	Prov. & Springfield Ry	5	20,000.00
	Dec.	1	Haverhill,	4	5,000.00
					<hr/>
					\$40,000.00
1923	Apr.	1	Lynn,	4	\$4,000.00
	Apr.	1	Saginaw,	4	10,000.00
	May	1	Quincy,	4	1,000.00
	May	15	Newport,	4	15,000.00
	Oct.	1	Saginaw,	4	10,000.00
	Dec.	1	Boyer Valley R. R.,	3½	5,000.00
	Dec.	15	Brockton,	4	1,000.00
					<hr/>
					\$46,000.00
1924	Jan.	1	Bridgeport,	4	\$6,000.00
	Jan.	1	Kansas City,	4	34,000.00
	Feb.	1	Cambridge,	4	4,000.00
	Feb.	1	Old Colony R. R.,	4	6,000.00
	Mar.	1	Indianapolis,	4	5,000.00
	Apr.	1	Brockton,	4	7,000.00
	Apr.	1	New Bedford,	4	4,000.00
	Apr.	1	Newton,	4	19,000.00
	Apr.	1	Woonsocket,	4	3,000.00
	May	2	Malden,	4	5,000.00
	June	1	Minn. & Iowa R. R.	3½	5,000.00
	June	30	Indianapolis,	4	5,000.00
	July	1	Mil., L. S. & Western	6	3,000.00
	July	1	New Britain,	4	9,000.00
	Aug.	1	Cambridge,	4	32,000.00
	Dec.	15	New Bedford,	4	20,000.00
					<hr/>
					\$167,000.00

SINKING FUNDS

52

1925	May	1	Kennebec,	3½	\$10,000.00	
	May	2	Malden,	4	20,000.00	
	July	1	New Bedford,	4	5,000.00	
	July	1	New Bedford,	3½	24,000.00	
	Aug.	1	Troy,	4	10,000.00	
						\$69,000.00
1926	Mar.	1	Peoria & N. W. RR.,	3½	\$5,000.00	
	Apr.	1	New Bedford,	4	1,000.00	
	July	1	Attleboro,	4	18,000.00	
	Aug.	15	Chicago & N. W. RR.,	4	10,000.00	
	Sept.	1	Boston & Maine RR.,	4	25,000.00	
						\$59,000.00
1927	Jan.	1	New Bedford,	4	\$5,000.00	
	Jan.	1	Waltham,	4	2,000.00	
	Mar.	1	Fitchburg RR.,	4	5,000.00	
	May	1	C., B., & Q. RR.,	4	5,000.00	
	May	1	New Bedford,	4	52,000.00	
	May	1	Newton,	4	16,000.00	
						\$85,000.00
1928	Feb.	1	New Bedford,	3½	\$3,000.00	
	May	1	Portland & Ogdsbg RR.	4½	5,000.00	
	July	1	Worcester,	4	17,000.00	
						\$25,000.00
1929	Feb.	1	Mil., L. S. & Wes. RR	5	\$30,000.00	
	July	1	Amer. Tel. & Tel. Co.	4	25,000.00	
	Oct.	1	Chicago & Northwest- ern R. R.	5	18,000.00	
1929	Oct.	1	Chicago & Northwest- ern R. R.,	6	5,000.00	
	Oct.	1	St. Louis,	4	10,000.00	
						\$88,000.00
1930	Mar.	1	Brockton,	3½	\$10,000.00	
						\$10,000.00
1932	Mar.	1	New Bedford,	3½	\$3,000.00	
	Aug.	1	West End St. Ry.	4	49,000.00	
						\$52,000.00
1933	May	1	Boston & Albany R. R.,	4	\$5,000.00	
						\$5,000.00
1934	Aug.	1	Augusta,	4	\$40,000.00	
						\$40,000.00
1935	Mar.	1	Westerly,	3½	\$8,000.00	
	Apr.	1	No. Maine Seaport R.	5	35,000.00	
	May	1	Boston Elevated R. R.	4	25,000.00	
	July	1	So. Norwalk	4	3,000.00	
	Sept.	1	So. Norwalk,	4	5,000.00	
						\$76,000.00

1938	July	1	Kalamazoo, Alleg. & G.			
		R. RR		5	\$4,000.00	
	Dec	1	Stamford	4	5,000.00	
					<hr/>	\$9,000.00
1940	July	1	Erie & Pittsburg RR.,	3½	\$50,000.00	
					<hr/>	\$50,000.00
1943	Jan.	1	Bangor & Aroostook R	5	\$29,000.00	
					<hr/>	\$29,000.00
1944	Jan.	1	Boston & Maine RR.	4½	\$5,000.00	
	Mar.	1	St. Johnsb'y & L.			
		Champlain RR.,		5	11,000.00	
					<hr/>	16,000.00
1945	July	1	New England RR.	4	\$13,000.00	
					<hr/>	\$13,000.00
1946	July	1	Boston Terminal,	4	\$20,000.00	
					<hr/>	\$20,000.00
1949	July	1	C., B. & Q., RR.,	3½	\$36,000.00	
	July	1	C., B. & Q. R. R.,	4	39,000.00	
					<hr/>	\$75,000.00
1951	Aug.	1	Ill. Central RR.,	3	\$25,000.00	
	Sept.	1	Mich. Central R. R.,	3½	12,000.00	
					<hr/>	\$37,000.00
1952	May	1	Mich. Central R. R.,	3½	\$30,000.00	
					<hr/>	\$30,000.00
1953	July	1	Ill. Central RR.,	3½	\$22,000.00	
					<hr/>	\$22,000.00
1954	Jan.	1	Washington Co. RR.,	3½	\$16,000.00	
	April	1	N. Y., N. H. & H. RR.	3½	11,000.00	
	May	1	N. Y., N. H., & H. RR.	4	35,000.00	
	May	1	Naugatuck RR.,	4	4,000.00	
					<hr/>	\$66,000.00
1955	July	1	N. Y., N. H. & H. RR.,	4	\$53,000.00	
					<hr/>	\$53,000.00
1956	May	1	N. Y., N. H. & H. RR.,	4	\$25,000.00	
					<hr/>	\$25,000.00
1957	Jan.	1	New Bedford,	4	\$5,000.00	
					<hr/>	\$5,000.00
1958	Mar.	1	C., B. & Q. RR.,	4	\$10,000.00	
					<hr/>	\$10,000.00
Total,					\$1,687,550.00	
Savings Bank Deposits,					8,718.64	
Cash on Deposit,					113,184.87	
					<hr/>	
Securities at par, close of 1913,					\$1,809,453.51	

Respectfully submitted,

WM. S. COOK,
Treasurer

REPORT
OF THE
Commissioners of the Sinking Funds.

City of New Bedford,
March 9, 1914.

To the City Council of the City of New Bedford, Mass.

Gentlemen :—At a meeting of the Commissioners of the Sinking Funds of the City of New Bedford, held at this date, it was

Voted :—To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of the Commonwealth of Massachusetts to be made annually to the City Council.

WM. A. MACKIE,
EDMUND W. BOURNE,
Commissioners of the Sinking Funds.

JAMES P. FRANCIS,
Certified Public Accountant.
Masonic Building,

New Bedford, Mass.,
March 6, 1914.

<i>William A. Mackie, Esq.</i>	}	<i>Commissioners of the New Bedford Sinking Funds.</i>
<i>Edmund W. Bourne, Esq.</i>		
<i>John T. Bullard, M. D.</i>		

Dear Sirs:—I have finished my examination of the books and accounts of the Treasurer of the Sinking Funds, and hereby certify that they are correct. I have also examined the securities representing the investments, and have found them as stated in his report.

Yours very truly,

JAMES P. FRANCIS,
Certified Public Accountant.

Distribution of the receipts from taxation, water and wharf revenue appropriations and net income from the invested funds is shown in the following table, which also shows the standing of the various Sinking Fund Accounts at this date:

No.	Fund.			Appropriations	Income	Total of Fund.
49	\$100,000 High School Bonds,	July 1, 1905,	20 years	\$3,613.00	\$1,382.98	\$ 35,702.87
50	21,000 School Bonds,	July 1, 1905,	20 "	759.00	384.13	9,684.06
51	62,000 Sewer Bonds,	July 1, 1905,	30 "	1,265.00	804.44	19,980.24
52	110,000 Improvement Bonds,	July 1, 1905,	10 "	9,250.00	8,683.61	98,586.35
57	28,000 Municipal Bonds,	Dec. 1, 1907,	10 "	2,372.00	617.10	16,654.32
56	97,000 Municipal Bonds,	Oct. 1, 1907,	10 "	8,215.00	2,101.31	56,840.99
58	15,000 Highway Bonds,	Dec. 16, 1907,	10 "	1,270.00	328.30	8,867.89
9	20,000 Water Bonds,	April 1, 1888,	30 "		907.88	20,000.00
18	100,000 Park Bonds,	April 1, 1892,	50 "	851.00	1,301.52	31,173.15
21	32,000 Sewer Bonds,	April 1, 1894,	20 "		1,433.13	32,000.00
23	120,000 Water Bonds,	April 1, 1894,	30 "	2,450.00	2,903.08	71,238.40
24	1,200,000 Water Bonds, April 1 &	Jan. 1, 1907,	30 "	24,500.00	25,334.55	614,351.67
25	58,000 Sewer Bonds,	April 1, 1895,	30 "	1,184.00	1,376.90	33,248.52
55	20,000 Engine House Bonds,	May 1, 1907,	20 "	723.00	234.78	6,165.41
28	128,000 School Bonds,	Mar. 1, 1897,	20 "	4,625.00	5,105.77	123,513.46
29	69,000 Sewer Bonds,	Mar. 1, 1897,	30 "	1,408.00	1,408.98	34,210.15
30	52,000 Wharf Bonds,	May 1, 1897,	30 "	1,061.00	1,257.40	30,343.94
31	35,000 Sewer Bonds,	Feb. 1, 1898,	30 "	714.00	685.48	16,671.23
32	92,000 School Bonds,	Feb. 1, 1898,	20 "	3,324.00	3,434.29	83,281.42
35	30,000 School Bonds,	Feb. 1, 1899,	20 "	1,084.00	1,008.25	24,553.30
36	33,000 Sewer Bonds,	Feb. 1, 1899,	30 "	674.00	625.61	15,236.68
37	200,000 School Bonds,	June 1, 1900,	20 "	7,226.00	6,125.52	149,778.93
38	48,000 Water Bonds,	June 1, 1900,	30 "	980.00	870.68	21,245.12
40	30,000 Sewer Bonds,	Mar. 1, 1902,	30 "	613.00	433.36	10,693.45
41	65,000 School Bonds,	Mar. 1, 1902,	20 "	2,350.00	1,304.89	32,678.50
43	120,000 School Bonds,	Feb. 1, 1903,	20 "	4,335.00	2,525.55	63,044.40
47	50,000 School Bonds,	Dec. 1, 1903,	20 "	1,807.00	1,103.86	27,471.81
48	30,000 Sewer Bonds,	Dec. 1, 1903,	30 "	613.00	414.06	10,243.43
39	28,000 Park Bonds,	July 1, 1901,	50 "	246.00	206.23	5,045.35
54	72,000 Bridge Approach Bonds,	Jan. 1, 1907,	50 "	620.00	276.44	7,039.20
53	777,000 Bridge Bonds,	Jan. 1, 1907,	50 "	6,900.00	2,569.70	66,516.63
59	50,000 Highway Bonds of 1910,	July 1, 1910,	10 "	4,500.00	445.70	14,681.39
60	50,000 Municipal Bonds,	Oct. 1, 1910,	10 "	4,500.00	540.22	16,886.57
61	14,000 School Bonds,	Dec. 1, 1910,	20 "	600.00	53.72	1,824.57
Totals,				\$104,632.00	\$78,189.42	\$1,809,453.51

DIVISION OF SINKING FUNDS.

Municipal Loans,	-	-	-	\$ 906,797.18
Water Loans,	-	-	-	726,835.19
Park Loans,	-	-	-	36,218.50
Wharf Loans,	-	-	-	30,343.94
High School Loan,	-	-	-	35,702.87
Bridge Loans,	-	-	-	66,516.63
Park Loan (Bridge Approach)	-	-	-	7,039.20
Total,	-	-	-	\$1,809,453.51

New Bedford, Mass.,
December 31, 1913.

To the City Council of New Bedford:

The Trustees of the Kempton Fund, under the will of Sarah E. Potter, herewith submit the following as their Sixth Annual

REPORT.

During the past year there has been no change of the securities in which the fund of the Trust of \$250,000.00 is invested.

The gross amount of income which has been received by the Trustees is \$10,770.00, and this amount has been paid to the City Treasurer without any deductions for charges or expenses.

The death of Mr. Thomas B. Tripp which occurred December 29th, 1912, occasioned a vacancy in the number of Trustees holding the fund. Mr. Tripp was one of the Trustees originally appointed to administer the Trust, and he discharged the duty with exceptional fidelity and excellent judgment.

WM. W. CRAPO,
FREDERIC TABER,
Trustees.

City of New Bedford,

December 31, 1913.

Trustees of the Kempton Fund,

The Gift of Sarah E. Potter :

GENTLEMEN: — As the Treasurer of the Kempton Fund, I have received and paid over to the City Treasurer, as provided by ordinance, the following amounts, being the income received during the year 1913, viz :

INVESTMENT	Par Value	Rate	Amount
C., B. & Q. R. R.	\$50,000.00	4%	\$2,000.00
Boston Elevated R. R.	40,000.00	4½	1,800.00
N. Y., N. H. & H. R. R.	25,000.00	4	1,000.00
N. Y. Central R. R.	25,000.00	5	1,250.00
City of Boston	35,000.00	4	1,400.00
Essex County	27,000.00	4	1,080.00
B. & M. R. R.	20,000.00	4	800.00
Town of Waterbury	25,000.00	4	1,000.00
Town of Weymouth	10,000.00	4	400.00
N. B. Inst. for Savings	1,000.63	4	40.00
			<hr/> \$10,770.00 <hr/>

Respectfully submitted,

WILLIAM S. COOK,
Treasurer.

Twenty-first Annual Report

OF THE

ENGINEERING DEPARTMENT

CITY OF NEW BEDFORD

BY THE

CITY ENGINEER

For the Year 1913.

THE J. E. BUDLONG PRESS
NEW BEDFORD, MASS.

1914

REPORT.

City of New Bedford,
Engineering Department,
January 1, 1914.

To the City Council of the City of New Bedford:

Gentlemen:—In compliance with section 5 of the ordinance defining the duties of the City Engineer, the following report of the expenses of the Engineering Department for the year ending November 30, 1913, is respectfully submitted:

EXPENDITURES.

Salaries and pay rolls,	\$17,236.94
Telephone,	61.03
Traveling expenses, postage, express, etc.,	76.66
Sundry Supplies,	107.21
Platting expenses,	150.80
Printing annual report,	58.50
Coggeshall Street Bridge,	634.51
General instruments for office and field,	57.08
Office furniture and repairs,	72.05
Meteorological instruments,	131.80
Public statutes and reference books,	15.67
Drawing supplies,	95.53
Blueprinting materials,	278.71
Sundry labor not in pay roll,	29.93
Printing, stationery, etc.,	279.65
Local transportation,	584.70
	<hr/> \$19,870.77

RECEIPTS.

Appropriation, regular,	\$18,000.00
Appropriation, special,	1,841.42
Transfer to balance,	29.35
	<hr/>
	\$19,870.77

EXPENDITURES.

Gross,	\$19,870.77
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RECEIPTS.

By credit to Miscellaneous Revenue of 1913:	
Cash from sale of maps, blueprint material and printing,	\$657.98
Net expenditures,	19,212.79
	<hr/>
	\$19,870.77

This year about six miles of sewers, three miles of which were large main drainage sewers, have been constructed, and $4\frac{1}{2}$ miles of new streets have been laid out and accepted. The Street Department has done an unusually large amount of permanent street improvement work, and the number of building permits has considerably exceeded that of last year.

The amount of engineering required for this and other construction work has occupied nearly the full time of this department. Then, too, more of our time has been consumed in travel, owing to the steadily increasing area covered by the field work. As a result, we have made but little headway in our office records and plans since last year. We have been unable to commence a much needed set of plans showing the location of underground work in the streets and have been obliged to delay the setting of street bounds, about 500 of which should be set at once.

Sewers.

During the year the drainage of the valley east of Shawmut avenue has been cared for by the construction of two sewers, one running from Potter street southerly to Durfee street and the other northerly from Topham street to Hathaway road. The latter cannot be used for sanitary sewage, however, until it is completed through

the hill in Nausett street and connected with the sewer in Purchase street. These sewers required the acceptance of streets in the valley for their accommodation, but we are now in a position to lay lateral sewers in this district and provide drainage that has long been demanded. The sewer north of Topham street is a separate system sewer and surface water is discharged into the brook at ilath-away road. This is the most northerly sewer west of Mount Pleasant street that can be laid without resorting to pumping. The trunk sewer in Purchase street has been completed to Nausett street and connected across the Fall River branch of the Old Colony Railroad with the sewer already laid in Purchase street north of the tracks. This will eventually drain the section between the main line of the railroad and Mount Pleasant street as far north as the Tarkiln Hill road.

An extension of the Grape street sewer system through Buttonwood park has been completed and also extended through Kempton street to Jenny Lind street as a separate system sewer discharging the surface water into the present brook in the Park. This will greatly relieve the district from Jenny Lind street to Rockdale avenue and care for the surface water from this territory.

The Tripps Brook relief sewer was completed as far as Arnold street and connected with the old sewer at that point. This does not relieve the situation north of Arnold street where the sewer is overloaded far beyond its capacity and the houses draining into it are flooded by every heavy rain. This condition will be much worse now, as the sewer built this year in Caroline and Durfee streets adds the drainage from a very large area.

The sewer construction most urgently needed during the coming year, is the extension of this relief sewer as far as Kempton street at least. This will give a sewer parallel to the present one and will divide the water of the valley about equally between the two. This sewer will need to be much deeper than the present one, as it

must eventually be used to drain the territory west of the Oak Grove Cemetery.

This year the Committee on Roads, Bridges and Sewers established the practice of giving a public hearing on all petitions for sewers, although this is not required by law. At these hearings this department furnishes a complete plan of the sewer, showing its size, location, estimated cost, etc., also the buildings which will be benefited and the land which will be subject to assessment. These hearings have proved very valuable in determining the best solution of the problems brought up by the petitions, and have given an opportunity to explain to the petitioners any action taken.

The work of the Intercepting Sewer has progressed continuously during the year and the details of that work are fully set forth in the report of Mr. W. F. Williams, Consulting Engineer, which is made a part of this report.

Streets.

In our street layout work, we have found an unusual number of difficult problems, caused by the cutting up of land by the owners without any regard for the use of the streets by the public or the rights of the owners of adjoining land. The worst case is probably that south of Brooklawn Park on which several hearings have been held. This is a case where streets have been laid out with blocks 2,400 feet long without a cross street,—a distance about equal to that on William street from Water to County. No cross streets can now be laid out through these blocks without buying house lots and moving buildings. The same condition exists in the case of Cleveland street, and also west of Bowditch street north of the Pine Grove Cemetery, where, for many blocks, a street will have to be accepted about parallel to Bowditch street to care for the drainage.

The cutting up of land by individual owners is really an assumption by them of a public function. This is illustrated by a recent case where the owner of a tract of land laid out 22 streets in this city without consulting the city authorities. This is a condition that exists in nearly every city in the country today, and is one of the most perplexing of city problems.

At present the City Council can locate streets wherever it deems necessary, by paying the damages caused thereby and at once becoming liable for their safe condition; but if it were attempted to apply this method of locating streets to all land cut up for the sale of lots in advance of actual building, the expense involved would be prohibitive. Such cut-ups, however, decide the location of streets for all time.

A start toward the improvement of this condition was made this year when three of the principal owners in a tract of land, containing 160 acres, requested this department to lay out, to the best advantage, the streets required. We provided a sketch showing the proposed location of 28 streets, which met with the approval of both the owners of the largest part of the land and the city. Three of these streets were accepted against the protest of the owners of two small pieces of land who wished the streets jogged around their property. Two other parcels of land of smaller area were treated in the same way with entire satisfaction.

This year the department has undertaken the investigation of all permits to occupy space in the streets for areaways, etc., and, in conjunction with the Inspector of Wires, all petitions for pole locations, conduits, manholes, etc. The object of this is to determine if the location asked for interferes with any proposed use of the street by the city or with the proper location of the underground work of the various public service companies. The petitioner in each case is required to file detail plans of all

such work. This supervision permits a systematic planning for the best use of the streets in the interest of all parties concerned, and a large saving in expense for relocations.

Bridges.

Acting on the report of Mr. Charles M. Spofford that the Coggeshall Street Bridge could be repaired, for a reasonable sum, in such a manner as to obtain probably 10 years' further use of the present structure, legislation was secured authorizing the issue of bonds to the amount of \$25,000 for that purpose. This department prepared the plans and specifications for these repairs, employing Mr. Harry F. Sawtelle for that work. The bridge was deemed unsafe for travel and was closed to teams on May 8th.

October 15th the contract for the main part of the repairs was awarded to the Boston Bridge Works for the sum of \$22,165, and the work is now progressing rapidly. The repairs called for are an entire new drum, new pedestals and roller bearings, 17 new floor beams, new lower chords in draw, minor repairs and reinforcements in various members; also an entire new lower floor.

An inspection of the New Bedford and Fairhaven Bridge shows that the water is percolating through the cement foundation of the roadway, and the lime is eating away the paint on the bolts. These places should be cleaned and repainted during the coming year, thereby saving a larger expense later in sand blasting and repainting the whole of the steelwork under the bridge.

The assistants who have been employed in this department during the year are:

Assistant Engineer—L. J. Hathaway, Jr.

Field—Arthur C. Kirby, Elmer L. Deane, Edward F. Mulally, Walter E. Wilson, Lester T. Lewis, Manuel M. Enos, James M. Hayes, and Ellsworth B. Tolman.

Office—Clifford L. Wade, Paul G. Covill, Benjamin F. Howe, Wilfred T. Fahey and Harry F. Sawtelle.

Plotting System—Edward M. Slocum and Norman Barstow.

Clerks—Jessie Loughlin and Marion L. Clarke.

Respectfully submitted,

GEORGE H. NYE,

City Engineer.

RECORD OF TIDES—1913.

MONTH	HIGH TIDE			LOW TIDE			RANGE
	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	-0.220	+2.00	-2.50	-3.556	-2.5	-5.1	3.336
February	-0.010	+2.00	-1.10	-3.235	-2.1	-4.7	3.225
March	-0.368	+1.30	-1.90	-3.722	-2.2	-5.4	3.354
April	-0.071	+2.10	-1.40	-2.781	-1.3	-4.6	2.710
May	-0.104	+1.50	-1.10	-3.300	-1.8	-4.6	3.196
June	+0.165	+1.80	-1.20	-3.122	-2.0	-4.1	3.287
July	+0.050	+1.90	-1.00	-3.056	-2.0	-4.3	3.106
August	+0.066	+1.60	-1.00	-3.295	-1.2	-4.7	3.361
September	-0.264	+1.00	-1.80	-3.444	-2.1	-5.0	3.180
October	+0.281	+2.30	-1.60	-3.400	-2.3	-4.8	3.681
November	-0.198	+1.20	-1.30	-3.589	-2.3	-4.9	3.391
December	-0.528	+0.70	-2.50	-3.668	-2.4	-5.4	3.140
Average for year	-0.080			-3.347			3.247
Extreme for year		+2.30	-2.50		-1.20	-5.40	

“Mean high water” is 0.65 ft. below City Datum.

“Mean high water” is 0.166 ft. above average high tide since 1896.

Average low tide since 1896, 3.75.

Average Range of Tides since 1896, 3.56.

[illegible]

STREETS LAID OUT ACCEPTED

STREET	FROM	TO	DATE OF ACCEPTANCE	WIDTH AND LENGTH IN FEET	
				50 FEET	40 FEET
Brownell	Hawthorn	Maple	Mar. 26, 1913	301.19	
Bullock	Roswell	Potter	Aug. 25, 1913	903.26	
Calumet	Brock Ave.	W. French Ave.	May 21, 1913	1,075.00	
Cedar Grove	Reynolds	Summer	Sept. 10, 1913	650.01	
Chaffee	Acushnet Ave.	Bowditch	June 11, 1913	525.00	
DeWolf	Mt. Vernon	Potter	Aug. 25, 1913		320.09
Fern	Allord	Apponogansett	Mar. 27, 1913	183.52	
Front	Rivet	Potomska	Jan. 23, 1913		513.06
Harvard	Potter	Malden	Aug. 11, 1913	2,377.08	
Hunter	Maxfield	Parker	Nov. 26, 1913	1,413.17	
Jenney	North	Hillman	May 21, 1913	255.57	
Liberty	Smith	Durfee	Nov. 28, 1913	2,774.48	
Lombard	Rockland	Northerly	Jan. 8, 1913	244.85	
Lowell	Brockton	Pine Grove Cem.	Feb. 12, 1913	1,620.80	
Luke	Rockdale Ave.	Town Line	Dec. 26, 1913	962.25	
Malden	Highland	Shawmut Ave.	June 11, 1913	893.45	
Manila	Bismark	Acushnet Ave.	Feb. 12, 1913	179.50	
Milton	Rockdale Ave.	Jenney Lind	July 9, 1913		665.77
Nausett	Mt. Pleasant	Hathaway Rd.	July 9, 1913		
Oakland	Durfee	Grand	June 11, 1913	283.30	
Peckham Rd.	Acushnet Line	Acushnet Ave.	Aug. 25, 1913	712.43	
Richmond	Durfee	Roswell	Feb. 27, 1913	1,187.61	
Roswell	Richmond	Bullock	Aug. 25, 1913	432.68	
Smith	Liberty	Hunter	Aug. 25, 1913	193.88	
Spencer	Willis	Parker	Nov. 26, 1913	1,431.75	
Sylvester	Chancery	Caroline	Dec. 26, 1913		294.78
Tacoma	Acushnet Ave.	Westerly	Aug. 25, 1913	1,541.56	
Tilton	Chancery	Caroline	Sept. 24, 1913		286.24
Walker	Malden	Hathaway Rd.	Dec. 26, 1913	440.21	
Watson	Kempton	Northerly	June 11, 1913		308.00
Whitman	Acushnet Ave.	Westerly	June 11, 1913		295.55
			Mar. 15, 1913	414.64	
			Total length	20,997.19	2,683.49

STREETS WIDENED

Hathaway Rd. Pleasant Pleasant	Mt. Pleasant Spring Elm	Shawmut Ave. Union Middle	Mar. 12, 1913 Sept. 10, 1913	Both sides to 50 ft. 10 ft. west side 10 ft. west side by license from U. S. Treas. Dept.	length length length length	1,655.84 197.86
Purchase Sixth Union	Union Spring Fourth	Elm Union Sixth	June 26, 1913 July 10, 1913 June 26, 1913	16.5 ft. west side 10 ft. east side 14 ft. south side	length length length	181.89 663.21 198.45 425.84
Total length						3,323.09

GRADE CHANGED

Grape Rockdale Ave. Second	Brownell Allen Grinnell	Rockdale Ave. Winterville Rd. Howland	Sept. 24, 1913	Length	786
			Sept. 24, 1913	Length	1,606
			June 11, 1913	Length	519
			Total length		2,911

NAMES CHANGED

Asland Fifth Fourth Roland	Robeson Grinnell Rivet Richmond	Nausett Union Union Bullock	Mar. 31, 1913 Mar. 31, 1913 Mar. 31, 1913 Aug. 25, 1913	to Summer to Pleasant to Purchase to Roswell
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Expenditures for Fiscal Year 1913 for Account of Construction of Intercepting Sewer.

Chapter 474, Acts of 1910.

	Engineering & Inspection	Construction				Land	Totals
		Construction Contracts	Material	Labor	Equipment		
Outfall	\$1,173.01	\$21,214.00	\$571.60				\$22,387.01
Section 1	1,348.00	28,561.63	1,730.88*				30,481.23
Section 2	3,131.67	56,377.65	5,636.27*	\$9,193.89			61,240.20
Section 3†	463.54		5,865.15*	12,613.50	\$28.00		15,321.70
Rivet street†	518.27		3,304.14*	10,797.91			18,996.92
Stapleton street†	412.52		18,861.82*	26,305.18			14,514.57
Section 4†	2,116.73		13,184.92	1,327.61			47,283.73
Screen House	5,366.90	28,414.91	5,154.85	295.87		\$1,500.00	48,294.34
Pumping Station	866.22	4,983.20					12,800.14
Totals	\$15,396.86	\$139,551.39	\$54,309.63	\$60,533.96	\$28.00	\$1,500.00	\$271,319.84
*Credit by							
Stone to crusher from Section 3						\$4,001.68	
Stone to crusher from Stapleton street						191.67	
Stone to crusher from Rivet street					\$138.36		
Cement bags from Rivet street					100.00		
Stock from Section 2						238.36	
Stone to crusher from Section 4						2.70	
Steel from Section 4					841.77		
Overcharge, Section 4					2.34		
					4.78	848.89	5,283.30
Net expenditures							\$266,036.54
Work done by city day labor							

Expenditures for Account of Construction of Intercepting Sewer.
Chapter 474, Acts of 1910.

Fiscal Years 1910, 1911, 1912 and 1913.

	Engineering & Inspection	Construction				Land	Totals
		Construction Contracts	Material	Labor	Equipment		
Outfall	\$5,278.11	\$71,500.85	\$47,760.11				\$124,539.07
Section 1	5,083.24	89,202.99	2,753.87				97,040.10
Section 2	6,975.59	92,561.82	3,214.15				102,751.56
Wharf	175.50	7,405.80	56.82		\$146.20		7,784.32
Section 3*	3,460.45		33,892.65	\$80,153.32	4,530.21		122,036.63
Section 4*	2,116.73		18,012.93	26,305.18			46,434.84
Screen House	7,768.97	28,414.91	13,184.92	1,327.61			50,696.41
Pumping Sta.	3,488.35	13,665.65	9,179.72	295.87		\$5,393.75	32,023.34
Preliminary Investigation	4,240.44						4,240.44
Totals	\$38,587.38	\$302,752.02	\$128,055.17	\$108,081.98	\$4,676.41	\$5,393.75	\$587,546.71

Balance to credit of account..... \$175,453.29
*Work done by city day labor.

The Mayor and Aldermen and Committee on Roads,
Bridges and Sewers:

Gentlemen:—I beg to submit the following report on the progress of the work on the Intercepting Sewer during the year 1913.

The outfall in Buzzards Bay, which was constructed under contract with Patrick McGovern, was completed early in July. This is a cast-iron pipe, 60 inches in diameter, laid in a dredged trench, and is 3,300 feet in length from the Junction Chamber, at the extreme end of Clarks Point, to the outlet in the bay. The details of the cost are given in the tables following the report.

Section 1 of the Intercepting Sewer, built under contract with the J. W. Bishop Company, was completed in the latter part of May, but owing to other engagements, it was June 21st before Col. John Millis, Corps of Engineers, U. S. A., made a final inspection of the work on the Fort Rodman Reservation and accepted the same as completed in accordance with the terms of the authority granted by the Secretary of War, May 31st, 1911. Details of the cost are given in the tables following the report.

The superstructure of the Pumping Station was completed February 18, 1913, by the contractor. The Henry T. Bulman Corporation. The station was placed in operation on the 25th day of March, 1913, and has been continuously operated since that date. The sewage, however, has been discharged into the Cove near the station pending the completion of the Intercepting Sewer. The force main connecting station with sewer is laid, and sewage will be pumped to the intercepting sewer early in the year 1914.

Section 2 of the Intercepting Sewer, now under contract with Frank A. Gamino, is nearly completed to a connection in Cove street with Section 3, which was built by the city, and will then only lack the construction of a short section at the Screen Station on West French ave-

nue to complete the Intercepting Sewer south of Rivet street.

The Intercepting Sewer in Rivet street, from Second street to Bonney street, was completed by the day labor force of the city April 8th, 1913, although the sewage from the sewers in Crapo street and Bonney street has not yet been taken into the interceptor owing to the delay in the completion of the intercepting sewer in West French avenue. The present plan is to provide a temporary outlet from the intercepting sewer into the cove just north of the Screen Station. As soon as the sewer is completed to this point, the sewage of the sewers in Crapo and Bonney streets will be turned into the interceptor which will terminate the discharge of their sewage into Clarks Cove. The details of the construction and cost of the Rivet Street Sewer are given in the tables.

The sewer in Stapleton street, connecting the Pumping Station with the separate sewers laid beneath the intercepting sewer in Second street, Rivet street and Cove street, was completed by the day labor force of the city May 24, 1913. Since this date the drainage of the houses along the line of these sewers has gone to the Pumping Station. The details of the construction and cost are given in the tables. The cost was high owing to the depth and large amount of ledge encountered.

During the coming season, a separate sewer should be laid in Cove road, from the Pumping Station to Orchard street, to take care of the house drainage of the territory between County street and Orchard street south of Rivet street, and of the separate sewer system already built in Rockdale avenue. When this is completed, the discharge of crude sewage into the upper portion of Clarks Cove will cease.

May 5th, 1913, the city commenced the construction, by day labor, of a continuation of the intercepting sewer in Second street from Rivet street northerly; and, on

September 15th, commenced work on the same street at the north line of Howland street and since then has carried on the work in this street in two sections. The first section is completed to 100 feet south of Grinnell street, and the second section has been completed to 75 feet north of Griffin street. A separate pipe sewer for the deeper drainage of the adjoining property is laid under the main sewer. From Grinnell street south, this pipe is connected with the pumping station at Clarks Cove, but north of Grinnell street it will be connected with another station to be built in the vicinity of Howland street, which will provide deep drainage for the territory east of Acushnet avenue between Grinnell street and Walnut street. Details of construction and cost of extension of sewer in Second street are given in the tables.

The intercepting sewer in Cove street from Second street to the end of Section 2, being the southerly portion of Section 3, and built by day labor, was completed September 24, 1913. A separate pipe was laid under the main sewer to Water street, and continued south in West French avenue to Social street. This sewer should be extended north in Water street and east in Cove street to provide deeper drainage for this section of the city which now has very shallow sewers.

A contract for the construction of the Substructure of the Screen Station was entered into with Frank A. Gammino December 19th, 1912. The contract should have been completed August 1, 1913, but it has been very much delayed and will not be completed, unless the weather is very favorable, before April, 1914. This has delayed the making of contracts for building the superstructure and for its equipment. For this reason it will not be possible to operate the Screen Station before the summer of 1914, although it may be found advisable to pass sewage through the station without screening prior to the completion of the building.

In order that the city shall have control of the land immediately adjoining the pumping station at Clarks Cove for possible future requirements and to avoid claims connected with the riparian rights of shore owners, a parcel of land containing 25.49 square rods adjoining the city's land on the east was purchased at a cost of \$1500.00. The city now owns the shore and all riparian rights south of Cove road from Shore street to Crapo street.

During the year contracts were made for construction and equipment to the estimated value of \$59,401.67.

The net cost of the intercepting sewer system to Dec. 1, 1913, including engineering and inspection, was \$587,546.71. Total net expenditures for the fiscal year 1913, including engineering and inspection amounted to \$266,036.54. For details of these contracts and expenditures see tables.

The following assistants and inspectors have been employed on the intercepting sewer work during the year:

Stanley G. Proverbs, Walter N. Charles, Robert S. Graham, William H. Chase, Robert A. McIntyre, Patrick Loftus, Jasper Sisson, John H. McCarthy, and John N. O'Brien, Jr.

Respectfully submitted,

WILLIAM F. WILLIAMS,

Consulting Engineer.

SUMMARY OF WORK PERFORMED BY DAY LABOR FOR THE YEAR ENDING NOVEMBER 30, 1913.

Section 4 in Second Street.

Commenced work May 5, 1913, on Second street at north line of Rivet street.

On November 30 sewer completed to a point 100 feet south of Grinnell street. Length 1580 feet.

Total excavation,	6623 cubic yards
Rock excavation,	512 cubic yards
Reinforced concrete,	1370 cubic yards
10" pipe separate sewer,	1832 lin. feet
6" pipe connections,	900 lin. feet

Work included 3 syphons at street crossings with regulating chambers and connections.

Section 4B in Second Street.

Commenced work at north line of Howland street September 15, 1913.

On November 30, 1913, sewer completed to 75 feet north of Griffin street. Length 375 feet.

Total excavation,	1641 cubic yards
Rock excavation,	333 cubic yards
Reinforced concrete,	271 cubic yards
15" pipe separate sewer,	425 lin. feet
6" pipe connections,	210 lin. feet

Work included 1 syphon with regulating chamber and connections.

Rivet Street Sewer.

Commenced work December 1, 1912.

Completed April 8, 1913. Length 1800 feet.

Total excavation,	5230 cubic yards
Rock excavation,	310 cubic yards

Reinforced concrete,	720 cubic yards
10" and 12" pipe separate sewer,	2050 lin. feet
6" pipe connections,	700 lin. feet

Work included special chambers and connections at Bonney and Crapo streets.

Section 3, Cove Street Intercepting Sewer.

From end of Section 2, corner W. French Avenue and Cove street to end of curve, corner Cove street and Second street. Length 421 feet.

Commenced May 26, 1913.

Completed Sept. 24, 1913.

Total excavation,	2660 cubic yards
Rock excavation,	440 cubic yards
Reinforced concrete,	450 cubic yards
15" and 18" pipe separate sewers,	340 lin. feet
6" and 10" pipe connections,	160 lin. feet

Force Main, Pumping Station to Intercepting Sewer.

Commenced June 5, 1913.

Completed June 12, 1913. Length 780 feet.

Stapleton Street Separate Sewer.

From Pumping Station to corner Cove street and Second street.

Commenced December 11, 1912.

Completed May 24, 1913.

Total excavation,	2000 cubic yards
Rock excavation,	760 cubic yards
Concrete,	80 cubic yards
24" pipe sewer,	632 lin. feet
15" pipe sewer,	108 lin. feet
6" pipe connections,	380 lin. feet

CONTRACTS LET FOR CONSTRUCTION OF INTERCEPTING SEWER SYSTEM—1913.

Screen Station Substructure and Intercepting Sewer Connecting Sections 1 and 2.

Dec. 19, 1912. Frank A. Gammino, 233 Federal street,
Providence, R. I.

Item 1.	3,900 cu. yds. earth excavation @ \$1.50,	\$5,850.00
Item 2.	250 cu. yards rock excavation @ \$4.00,	1,000.00
Item 3.	2,100 cu. yds. concrete masonry in Screen Station @ \$9.00,	18,900.00
Item 4.	1,142 cu. yds. concrete masonry in sewer manholes, overflow, etc., @ \$5.50,	6,281.00
Item 5.	129,000 lbs. steel reinforcing @ \$0.025,	3,225.00
Item 6.	12,000 lbs. steel beams, angles, chan- nels, Z-bars, @ \$0.07,	840.00
Item 7.	40,000 ft. B. M. lumber @ \$20.00,	800.00
Item 8.	375 cu. yards rubble masonry in sea wall @ \$11.00,	4,125.00
Item 9.	1,300 sq. ft. brick lining in boiler room @ \$0.30,	390.00

Total estimated amount of contract, \$41,411.00
4 bids received.

Sluice Gates and Operating Machinery, Screen Station.

Feb. 26, 1913. Coffin Valve Company, Neponset, Mass.

For 7 Sluice Gates and lifting machinery, oper- ating stands, electric motors and controllers complete,	\$6,260.00
4 bids received.	

Iron Castings, Screen Station.

April 10, 1913. Gibby Foundry Company, Condor Street.
E. Boston, Mass.

Item 1.	300 Manhole steps, 60 lbs. ea.	
	@ \$.02375, \$1.425	\$427.50
Item 2.	4 Stop plank frames and covers,	
	4900 lbs., @ \$.0375,	183.75
Item 3.	5 Manhole frames and covers, 535 lbs.	
	ea. @ \$0.031, \$16.585,	82.925
Item 4.	72 Screen and counterweight guides,	
	55,000 lbs. @ \$0.026,	1,430.00
Item 5.	26 Floor plates, 7,400 lbs. @ \$0.039,	288.60
Item 6.	5 Floor plates, 125 lbs. ea. @ \$.0474,	
	\$5.9375,	29.6875
Item 7.	24 Stair treads, 2 Floor plates,	
	2700 lbs, @ \$.036,	97.20
Total estimated cost,		\$2,539.67
2 bids received.		

Steel Forms, Section 4.

April 28, 1913. Blaw Steel Construction Co., Pittsburg.
Pa.

Lease of 50 ft. 84 inch half round steel forms	
@ \$5.85,	\$292.50

Steel Reinforcing, Section 4.

May 10, 1913. Cambria Steel Company, 101 Tremont
street, Boston, Mass.

Item 1.	50,000 lbs. 1/2 in. diameter round steel rods 11'-6" long @ \$1.68 cwt.,	\$840.00
Item 2.	50,000 lbs. 1/2 in. diameter round steel rods 10'-6" long @ \$1.68 cwt.,	840.00

Item 3. 105,000 lbs. $\frac{1}{2}$ in. square cold twisted steel bars full length @ \$1.83,	1,921.50
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Total estimated cost,	\$3,601.50
6 bids received.	

Sand Ejectors and Separators, Screen Station.

May 21, 1913. E. M. Nichols, 212 S. Seventh street,
Philadelphia, Pa.

2 Sand separators and ejecters,	\$1,500.00
1 bid received.	

Hydraulic Plunger Elevator, Screen Station.

May 22, 1913. Otis Elevator Company, 34 India street,
Boston, Mass.

1 Hydraulic plunger elevator for removing ashes from boiler room,	\$320.00
3 bids received.	

Pumps and Motors, Screen Station.

June 25, 1913. Lawrence Pump & Engine Co., Lawrence,
Mass.

2—6-in. Vertical Centrifugal Pumps, 1,000 gal. capacity,	\$360.00
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2—General Electric Vertical Induction Motors of 15 H. P. each, with starting compensators	624.00
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Total,	\$984.00
8 bids received.	

Furnishing and Erecting Piping, and Erecting Pumps, Motors and Hydraulic Elevator. Screen Station.

Aug. 13, 1913. P. F. Wood Boiler Works, New Bedford,
Mass.

Erecting piping, stands, pumps, motors, and
 Hydraulic elevator, and furnishing cast
 iron pipe, special castings, valves, slide
 gates, strainer, flanges and floor stands... \$1,133.00
 3 bids received.

**Furnishing and Installing Conduits, Wiring, Etc.,
 Screen Station.**

Sept. 5, 1913. Buckley & Company, New Bedford, Mass.
 Furnishing labor and material necessary for
 complete installation of conduits, wiring,
 etc., for operation of gates, screens and
 pumps, \$890.00
 5 bids received.

Steel Forms, Section 4.

Sept. 12, 1913. Blaw Steel Construction Company, Pitts-
 burgh, Pa.
 Lease of 50 ft. 78 inch half round steel forms
 @ \$4.50, \$225.00

Pump and Electric Motor, Section 4.

Oct. 18, 1913. The Goulds Mfg. Company, Boston, Mass.
 Pump and electric motor for temporary pump-
 ing station at Second and Howland streets, \$245.00
 Emergency order.

SECTION 1.

J. W. Bishop Co., Contractor.

Final Estimate—June 1, 1913.

Item 1.	27,176 cu. yds. earth excavation @	
	\$1.26,	\$34,241.76
Item 2.	72.7 cu. yds. earth excavation @	
	\$1.315,	\$95.60

Item 3.	835.5 cu. yds. rock excavation @ \$2.685,	2,243.32
Item 4.	Cofferdam and rip rap for Junction Chamber,	281.00
Item 5.	30.2 cu. yds. granite masonry in Junction Chamber, @ \$50.00,	1,510.00
Item 6.	136.5 cu. yds. concrete masonry in Junction Chamber, @ \$9.70,	1,324.05
Item 7.	128.8 cu. yds. concrete in Tide Gate Chamber, @ \$10.78,	1,388.46
Item 8.	4,277.6 cu. yds. concrete in Intercepting Sewer, @ \$7.96,	34,049.70
Item 9.	3.2 cu. yds. concrete for outside man-holes, sewers, etc. @ \$12.25,	39.20
Item 10.	70 ft. pipe laid, @ \$.15,	10.50
Item 11.	523,656 lbs. steel bars, @ \$0.016,	8,378.50
Item 12.	242 M. ft. B. M. sheeting, @ \$20.00,	4,840.00
Item 13.	4,000 ft. fibre ducts, laid, @ \$.05	200.00
Item 14.	4,000 ft. underdrain, @ \$.15,	600.90
Total,		<hr/> \$89,202.99

OUTFALL.**P. McGovern, Contractor.**

Final Estimate—July 5, 1913.

Item 1.	Dredging 30,499 cu. yds., @ \$.55,	\$16,774.45
Item 2.	Laying 3,295.4 ft. outfall pipe, @ \$16.00,	52,726.40
Item 3.	Setting outlet and concreting, complete,	2,000.00
Total,		<hr/> \$71,500.00

RAINFALL IN NEW BEDFORD — 1913

Engineering Dept. at centre of city-----E
L.J. Hathaway at Clifford Post Office-----H
Acushnet Storing Station of N.B. Water Works-----A
Quittacus Pumping Station at Quittacus Pond-----Q

Total for year 45.21 inches Gauge not showing full amount in October:
----- 45.57 "
----- 47.18 "
----- 48.08 "

Day	JANUARY				FEBUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				Day			
	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q	E	H	A	Q								
1	0.69	0.33	0.43	0.38	0.26	0.77		0.75	0.48	0.38			0.22			0.20																																1				
2							0.76													0.18	0.25		0.40					0.02		0.08					0.70	0.81	0.75	1.03						0.15				2				
3	1.80	1.53	1.49	1.50	0.55	0.60																																									3					
4					0.50	0.30	0.86	0.88				0.06	0.04							0.05	0.06							0.04	0.06			0.57		1.50	2.88												4					
5													0.20	0.16		0.17				0.02		0.09						0.10	0.92	0.56		0.34			2.56	2.96												5				
6					0.04	0.02			0.20	0.25	0.31				0.35																																	1.87	6			
7	0.05												0.05	0.06		0.16				0.15	0.26						0.20	0.10	0.11	0.06	0.30	0.19	0.32										1.81	1.99				7				
8	0.33	0.67	0.71	0.75																0.15				0.35										0.12			0.61		0.52				2.02				8					
9														0.02	0.03		0.07																	0.40			0.01		0.52								9					
10																																																10				
11		0.25		0.25	0.34	0.25	0.26		0.62	0.40	0.43	0.38	0.30															0.35			0.23	0.60				0.15	0.02								1.10		0.75	0.71	0.74	11		
12		0.03	0.28				0.28						0.92																		0.20		0.31			0.55	1.03	0.93											12			
13													1.17																		0.19		0.07		0.25	0.22		0.25												13		
14									0.36	0.40			0.18	2.95	2.91	3.49												0.15		0.38			0.10			0.43				0.05	0.05									14		
15									1.45	0.36		0.62				0.20																				0.95	1.04			0.04	0.04								15			
16	0.17	0.20	0.31	0.20					0.20		0.73	0.18	0.80	1.00	1.13	1.22		0.30	0.34																1.90		2.06	0.42	0.47										16			
17	0.14	0.10		0.12	0.28	0.08	0.09	0.11												0.38																1.67		2.19			0.51	0.50							17			
18	0.45	0.10	0.20											0.06													0.42	0.75							0.70	0.66		0.74											18			
19	0.02			0.22									0.19	0.07		0.08												0.03		0.63	0.46				0.20	0.20				0.85									19			
20									0.61	0.90																									0.05	0.08			0.65	0.82		0.15	0.21	0.20	0.21		0.05			20		
21	0.20	0.59	0.61	0.68							0.85										0.05	0.04	0.33			0.02									0.08				0.96							0.08	0.70	21				
22					0.24	0.60							0.04		0.20		0.11																		0.46	0.36	1.26	0.50											22			
23	0.02	0.75			0.21		0.66						0.07	0.10	0.12														0.63	0.50	0.40	0.49					0.38												1.70	23		
24	0.50		0.67	0.66							0.84																																							24		
25																	1.10	1.09																																	25	
26									0.21	0.47										0.05	0.10	0.22															1.75	1.62		1.79				0.91	0.92	.92	1.19			26		
27	0.22	0.26	0.28	0.25	0.42				0.42	0.37		0.46	0.40	0.30	0.43	0.36		0.18											0.20	0.09		0.15							1.81												27	
28					1.03	1.47	1.47	1.46	0.16		0.83	0.43	0.40	0.30	0.43	0.36									0.11	0.16	0.10											0.01												28		
29	0.10	0.01											0.10	0.05	0.09		0.20	0.01	0.26								0.18							2.70	2.88															29		
30																	0.10			0.10								0.83	0.30		0.28			0.60	0.44	4.26	1.90														30	
31	0.45								0.08																																											31
Total	5.87	4.82	4.98	5.01	3.87	4.09	4.10	3.48	4.71	3.61	3.14	3.34	4.57	4.59	5.01	5.74	1.62	1.64	1.70	1.75	0.63	0.85	0.75	1.32	1.87	1.97	1.83	2.37	4.68	4.26	5.09	3.11	3.48	2.35	2.86	2.33	7.40	10.09	10.50	11.42	2.37	2.62	2.66	2.75	4.14	4.68	4.56	5.46	Total			

* Gauge not showing full amount of Rainfall

6

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ASSISTANTS' TIME AND COST.

GENERAL CLASSIFICATION OF WORK.

	Office.		Field.		Total Cost.	
	Time.	Cost.	Time.	Cost.		
City Government and Committees:						
Court and hearing plans, etc.....	144	\$87.86	231	\$77.79	\$165.65	
Sewer investigation.....	548	300.16	542 ½	193.05 ½	493.21 ½	
Sewer assessments.....	362	182.09			182.09	
Street layouts.....	1,620	786.76 ½	1,643	595.29 ½	1,382.06	
Wharf and harbor work.....	92	40.99	148	58.04 ½	99.03 ½	
Miscellaneous.....	22	9.93	37	14.10	24.03	\$2,346.08
Assessors:						
Records, plans, surveys.....	4,298	2,372.55	59	22.93	2,395.48	2,395.48
Cemeteries:						
Surveys, lines, grades, records, plans, etc.....	23	13.77	285	110.10	123.87	123.87
Engineering Department:						
Levels, profiles, etc., for establishing grades of streets..	10	6.22	2	1.54	7.76	
Boundstones and bench marks.....	64	15.28	132	41.87 ½	57.15 ½	
Blueprinting.....	1,687	369.02			369.02	
Clerical work.....	3,124	1,051.07			1,051.07	
Drain records.....	937	284.38 ½	113	25.17	309.55 ½	
Meteorological instruments.....	647	215.06 ½	4	1.75	216.81 ½	
Miscellaneous.....	1,112	994.35 ½	17	6.80	701.15 ½	
Office records, plans, indexing.....	991	322.51	227	56.59	379.10	
Street numbering.....	110	34.63	256	74.17	108.80	
Vacations and legal holidays.....	2,064	867.25			867.25	4,067.68
Fire Department:						
Miscellaneous.....			2	.62	.62	.62
Health Department:						
Miscellaneous.....	30	11.01	3	1.39	12.40	12.40
Inspector of Buildings:						
Lines and grades for private buildings.....	92	38.27 ½	1,575 ½	493.05 ½	531.33	
Lines and grades for public buildings.....	41	24.75	212	81.46	106.21	637.54
Inspector of Wires:						
Investigation, abutters, etc., on pole and conduit petitions	211	98.09	7	2.36	100.45	100.45
License Board:						
Miscellaneous.....	10	6.23	32	8.84	15.07	15.07
Park Department:						
Parks, playgrounds, surveys, lines, grades, plans.....	46	26.57	130	50.34	76.91	76.91
School Department:						
Miscellaneous.....	13	7.29	34	13.89	21.18	21.18
Street Department:						
Catch basins.....	12	8.58	293	108.01	116.59	
Drains—locations, grades, etc.....	14	5.83	330	106.92 ½	112.75 ½	
Sewer construction—lines, grades, plans.....	206	122.70 ½	1,477	608.03	730.73 ½	
Street construction—lines, grades, etc.....	139	88.56 ½	2,298	862.45 ½	951.02	
Street construction—measurement of new work.....	1,154	350.69	2,400	584.51	935.20	
Miscellaneous.....	96	43.41	18	7.18	50.59	2,896.89
Water Works Department:						
Surveys, lines, grades, plans, etc.....	360	204.74	654	260.65	465.39	465.39
Public Service Corporations:						
Lines, grades, plans, etc.....	36	22.63	135	175.58	198.21	198.21
Private Parties:						
Information for grade of buildings.....	34	25.58	85	29.95	55.53	55.53
Private Work:						
Lines, grades, plans, etc.....	93	44.77	159	56.51	101.28	101.28
Coggeshall Street Bridge:						
Preliminary engineering.....	1,793	1,162.23	134	60.13	1,222.36	1,222.36
Totals	22,992	\$9,945.84 ½	13,975	\$4,791.09 ½		\$14,736.94
Administration		2,500.00				2,500.00
	22,992	\$12,445.84 ½	13,975	\$4,791.09 ½		\$17,236.94

CITY OF NEW BEDFORD DETAILS OF SEWERS CONSTRUCTED IN 1913 - COMPILED BY ENGINEERING DEPARTMENT

STREET	LOCATION	VITRIFIED PIPE												Concrete Vitrified Section	Total Length	Greatest Cut	Average Cut	Ledge	Total Cubic Yards of Excavation	Character of Excavation	Manholes	Cost of Labor	Cost of Labor per ft. of length	Cost of Material etc.	Total Cost of Sewer	Cost per ft. of length	Ordered	Commenced	Finished	Remarks	
		8inch	10inch	12inch	15inch	18inch	20inch	24inch	27inch	30inch	33inch	36inch	48inch																		
COMBINED SYSTEM																															
Allen	303' w of Brownell to 338' w of Rockdale Ave					447	502								848	1185	1113	1760	Wet clay-gravel	1	6053	16633	242285	847601	833	May 23 1912	Oct 31 1912	Dec 19 1912			
Armour	Arnold north 200'		227												227	932	364	254	Wet clay-gravel	1	64848	2886	13116	77964	343	Mar 27 1913	Apr 11 1913				
Beach	34' to 279' north of Maxfield		145												145	965	900	169	Gravel	1	21015	145	8217	29232	201	Jan 23 1912	Feb 4 1913	Feb 7 1913			
Brook Ave & Aquidneck	Capital to 90' east of Brook Ave				144		213	387							744	1450	1132	1404	Gravel	1	23920	6322	86519	32572	5438	Apr 9 1913	Apr 29 1913	May 20 1913			
Brownell	Arnold north 502'		526												526	965	899	614	Loam-gravel	1	10061	2191	21795	12240	732	Feb 26 1913	Mar 29 1913				
Brownell	Maple south 200'		233												233	941	892	269	Wet clay-gravel	1	39725	170	9392	49172	110	Oct 22 1913	Nov 18 1913	Nov 25 1913			
Columnet	Clarks Cove to Brook Ave	610	369	202											1181	1155	1292	1212	Gravel	4	15514	2131	53369	208511	176	May 21 1913	July 2 1913				
Caroline	In Parker, Caroline, & Durfee to Oak land				315		219	456		2121					3111	1333	973	5439	Wet clay-gravel	10	11337	7354	80622	204000	656	May 8 1913	May 20 1913				
Chancery	Tilton north 373'	198	210												408	911	795	421	Gravel	1	43383	106	14598	57982	142	June 25 1913	Aug 4 1913				
Dewolf	Potter to 50' north of Mt Vernon	302													302	799	768	301	Gravel	1	26906	689	9738	36645	121	Aug 25 1913	Nov 1913	Nov 20 1913			
Glover	Austin north 155'		178												178	960	870	201	Gravel	1	30242	170	10713	40855	230	Feb 12 1913	Feb 19 1913	Feb 24 1913			
Grape St System	Rockdale Ave to Buttonwood in Court																		See below												
Jenny	Hillman south 170'	200													200	916	860	223	Dry gravel	1	15933	080	7717	23650	118	June 25 1913	Aug 6 1913				
Maple	Reed to Brownell		336	532											866	1091	912	1026	Wet gravel	2	21077	4243	36669	247443	285	Oct 24 1912	May 23 1913	June 8 1913			
Matthew	Sagamore & Dartmouth to west of Field St		820												820	1106	834	993	Gravel	2	14661	8179	37711	184329	225	May 21 1913	June 18 1913	July 2 1913			
Middle	Newton to Florence				441										1489	960	753	1229	Gravel	1	81205	207	25622	106827	273	Apr 9 1913	Apr 24 1913			Unfinished	
North	Liberty to James				392										392	942	813	464	Dry gravel	1	35773	250	68144	425882	297	Sept 12 1912	Dec 17 1912	Feb 3 1913			
Oaklawn	W French Ave to Brook Ave thence to Capitol		1352		80										1432	1418	968	1860	Dry clay-gravel	3	22184	4625	115688	337532	951	Feb 12 1913	June 27 1913	July 26 1913			
Orchard	South of to Katharine														355	837	883	742	Made land	1	100486	163	27481	127977	207	Aug 25 1913	Nov 6 1913				
Potter	Bullock to 158' east of Shawmut		618												618	1129	907	727	Gravel	1	67243	8750	327562	100000	116	July 4 1913	Nov 14 1913				
Purchase	672' N of Deane to northline Railroad land														896	2020	200	2266	Wet gravel	3	47782	6307	82543	560368	361	Aug 25 1913	Sept 25 1913				
Richmond Roswell & Bullock	Durfee to Potter				661	271	423								555	1184	878	2022	Wet clay-gravel	4	50150	127	12301	62451	159	Sept 25 1913	Nov 10 1913	Nov 15 1913			
Rounds	Elm south 370'	393													393	91	855	436	Gravel	1	36263	81566	146362	516000	2186	Aug 8 1913	Aug 6 1913	Oct 28 1913		Lower Ped	
Spring	Acushnet Ave to Purchase St					236									236	1640	1180	227	Ledge	2	51789		83120	134409		Oct 22 1913	Nov 20 1913			Unfinished	
Tabor	Page to West						240								240				Gravel	1	28053	971	75	10558	832099	1601	Oct 25 1913	May 11 1914	July 22 1913		
Tripps Brook Relief	Allen to Arnold via Page Hawthorn & Chancery														2387	2387	2153	1757	Gravel-ledge	2	83574	187	18967	102541	1230	Apr 24 1913	May 6 1913				
Whitman	Acushnet Ave. west 388'	386	60												386	1472	1052	626	Gravel	2	83574	187	18967	102541	1230	Apr 24 1913	May 6 1913				
Combined System Totals		2088	5014	794	2233	954	855	2093		2706		469	355	2869	20431			4668	35663		62	81055	93	33814	5114870	44					
SEPARATE SYSTEM																															
Brook & Glennon	Belleville Rd. to Edison St		480				165								645	1018	832	903	Gravel	1	153367	338	116429	269796	418	May 21 1913	June 26 1913				
Brook & Glennon	Belleville Rd. to Glennon St Surface Drain														165				Gravel												
Clifford	Acushnet Ave west 840' Surface Drain		850												850	374	344	378	Gravel	1	211390	25	25321	46460	055	Apr 10 1913	Apr 22 1913				
Clifford	Bowditch west 428'		488												488	1110	865	610	Wet gravel	1	75000	154	22337	97337	189	Nov 13 1912	Feb 6 1913	Feb 16 1913			
Grape St System	Buttonwood to North via Court, Park & Kempton				810										2904	2301	10182	8584	Wet clay-gravel	3	302005	2803	2484840	550489	21648	Aug 15 1912	Oct 21 1912	July 19 1913			
Grape St System	In Kempton St - Brownell Ave to North S.D.									870					870				Wet clay-gravel	4	875105	488	678648	1553751	868	Aug 15 1912	Oct 21 1912	July 19 1913			
Harvard	178' S of Malden to Topham		876			428	230								1534				Wet clay-gravel	4	875105	488	678648	1553751	868	Aug 15 1912	Oct 21 1912	July 19 1913			
Harvard	Malden to Topham - Surface Drain				40		876			217	191	467			1791	1066	980	3301	Wet clay-gravel	4	875105	488	678648	1553751	868	Aug 15 1912	Oct 21 1912	July 19 1913			
Jenny Lind	Kempton to Grant - Surface Drain	170	160			544	435								1309	808	546	867	Gravel	2	927550	71	101741	194496	149	Aug 11 1913	Aug 23 1913	Nov 15 1913			
Kempton	North to Jenny Lind	261	155			106									522	0870	056	842	Gravel	2	259621	497	118793	378414	725	Dec 11 1912					
Kempton	North to Jenny Lind - Surface Drain						262	154		106					522				Gravel	2	259621	497	118793	378414	725	Dec 11 1912					
Matthew & Bank	Stackhouse to Rockdale Ave		814												814	959	777	901	Dry gravel	3	123607	152	43963	1675702	08	May 21 1913	July 1 1913	July 15 1913			
Matthew	Stackhouse to Bank		234												234				Dry gravel	3	123607	152	43963	1675702	08	May 21 1913	July 1 1913	July 15 1913			
Phillips Ave	Belleville Ave to Acushnet Ave - Surface Drain	479	2	588	225										1291	743	351	539	Gravel	3	101066	078	61410	162476	126	Sept 25 1913	Nov 6 1913				
Rockdale Ave	Cove Rd. west 582'				500										500	868	866	59	Gravel-ledge	1	131277		71870	203147		Aug 11 1913	Nov 17 1913			Unfinished	
Rockdale Ave	Cove Rd. to Bolton St Surface Drain														500				Gravel-ledge	1	131277		71870	203147		Aug 11 1913	Nov 17 1913			Unfinished	
Rockdale Ave	Stackhouse to Winterville Rd.		361	1487											1848	1356	1190	4073	Dry clay-gravel	3						May 21 1913	July 8 1913				
Rockdale Ave	Stackhouse to Winterville Rd. Surface Drain							361	1487						1848				Dry clay-gravel	3						May 21 1913	July 8 1913				
Rockdale Ave	Winterville Rd. north				400										400	071	1021	756	Dry clay-gravel	1						Aug 11 1913					
Rockdale Ave	Winterville Rd. north - Surface Drain									400					400				Dry clay-gravel	1						Sept 11 1913					
Rockdale Ave & Hillman	Mill to Jenny Lind		1217												1217	1378	1048	2192	Wet clay-gravel	2	396283	325	98474	494757	406	Nov 13 1912	Mar 3 1913				
Hillman	Jenny Lind east 352' - Surface Drain		352																												

Annual Report

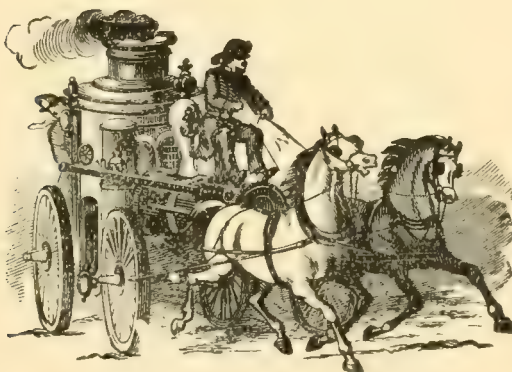
OF THE

CHIEF ENGINEER

OF THE

FIRE DEPARTMENT

For the Year Ending Dec. 31, 1913.



EDWARD F. DAHILL, Chief Engineer.

**COMMITTEE OF THE CITY COUNCIL
ON
FIRE DEPARTMENT.**

ALDERMEN,

JOSEPH R. GLENNON,
Residence, 679 Cottage Street.

ROBERT C. SHERMAN,
Residence, 356 County Street.

COUNCILMEN,

MORTIMER McCARTY,
Residence, 87 Hazzard Street.

SAMUEL A. PERCY,
Residence, 1086 Pleasant Street.

JAMES M. HUGHES,
Residence, 162 Nash Road.

BOARD OF ENGINEERS.

CHIEF ENGINEER,

EDWARD F. DAHILL,
Residence, 11 Robeson Street.

FIRST ASSISTANT ENGINEER,

JAMES J. DONAGHY,
Residence, 159 Washington Street.

SECOND ASSISTANT ENGINEER,

WM. E. WATSON, Jr.,
Residence, 103 School Street.

THIRD ASSISTANT ENGINEER,

FRANK R. PEASE,
Residence, 43 Willis Street.

FOURTH ASSISTANT ENGINEER,

STEPHEN L. FINNELL,
Residence, 27 Locust Street.

CLERK,

JOSEPH P. KENNEDY,
Residence, 15 Sherman Street.

CAPTAINS IN CHARGE OF STATIONS.

REPAIR SHOP, BEDFORD STREET,
HARRY H. KIMBALL, Master Mechanic,
Appointed October 15, 1912.

HEADQUARTERS, PURCHASE STREET,
CHARLES S. WING, Telephone Operator,
Appointed August 15, 1910.

STATION NUMBER ONE,
JAMES L. HASKINS,
Appointed April 1, 1897.

STATION NUMBER TWO,
FRANK A. C. GREENE,
Appointed May 22, 1907.

STATION NUMBER THREE,
LORING T. PARLOW,
Appointed July 1, 1895.

STATION NUMBER FOUR,
FREDERICK E. RICKETSON,
Appointed August 15, 1910.

STATION NUMBER FIVE,
THOMAS H. FORBES,
Appointed April 1, 1897.

STATION NUMBER SIX,
JOHN W. DONAGHY,
Appointed April 1, 1897.

STATION NUMBER SEVEN,
EDWARD H. COGGESHALL,
Appointed April 26, 1910.

STATION NUMBER EIGHT,
GEORGE H. COOK,
Appointed April 1, 1897.

STATION NUMBER NINE,
LIEUT. AMBROSE F. MERCHANT,
Appointed October 11, 1910.

STATION NUMBER TEN,
REUBEN TABER,
Appointed April 1, 1897.

STATION NUMBER ELEVEN,
JERE T. HAGGERTY,
Appointed October 19, 1908.

ASSISTANT MASTER MECHANIC,
LIEUT. JAMES H. DOWNEY,
Appointed October 15, 1912. Residence, 103 So. Sixth Street.

DEPARTMENT ELECTRICIAN,
ROBERT E. ALLEN,
Appointed March 26, 1913. Residence 57 Bedford Street.

DEPARTMENT LINEMAN,
HENRY LAMEY,
Appointed March 12, 1912. Residence 230 Kempton Street.

DEPARTMENT ENGINEERS,
JOHN H. BACKUS,
Appointed March 13, 1910. Residence, 71 Bonney Street.

MILES L. FAY,
Appointed September 21, 1913. Residence 401 Orchard Street.

DEPARTMENT MECHANICIAN,
GEORGE H. BAYLIES,
Appointed March 13, 1910. Residence, 111 Grinnell Street.

DEPARTMENT DRIVER,
JOHN H. McDONALD,
Appointed November 1, 1910. Residence, 43 State Street.

REPORT.

HEADQUARTERS FIRE DEPARTMENT,
OFFICE OF CHIEF ENGINEER.

December 31, 1913.

To the Honorable the City Council:

GENTLEMEN:—I have the honor of submitting the annual report of the fire department for the year ending December 31, 1913, together with such recommendations as I deem necessary for increasing the efficiency of the department.

APPARATUS.

We have in service the following :—

- | | | | |
|---|---|---|---|
| 3 | Second size La France Steam Fire Engines. | | |
| 2 | Second size Amoskeag Steam Fire Engines. | | |
| 1 | Webb Auto Combination Engine and Hose Wagon. | | |
| 1 | Ahrens Fox Combination Engine and Hose Wagon. | | |
| 1 | Combination Chemical and Hose Wagon, | | |
| | (horse drawn.) | | |
| 3 | Aerial Trucks | “ | “ |
| 1 | Combination Truck | “ | “ |
| 8 | Exercise and Coal Wagons | “ | “ |
| 1 | Fire Alarm Wagon | “ | “ |
| 1 | Automobile for Repair Force | | |
| 3 | Automobile Combination Chemicals | | |

IN RESERVE

- 1 Ryan Truck
3 Steam fire engines.
4 Wagons
1 Robinson Auto Fire Engine and Hose Wagon.

HORSES.

There are thirty-eight horses in this department, mostly in good condition.

HARNESSES.

There are nine sets for three horse hitches, twelve for two horse hitches and four single harnesses in good condition.

HOSE.

There are 17,400 feet 2½ in. cotton rubber lined hose in good condition, 2000 feet should be added during the year.

FIRE ALARM.

This branch of the service has been greatly improved during the past year, eleven new boxes have been added, 13000 feet of lead covered cable has been purchased, and over ten miles of new insulated wire has been installed, new running cards and assignment books have been issued, all fire alarm boxes have been renumbered and speeded up so that the alarms are received more quickly than formerly which is a valuable improvement, 50 cells of battery have also been added and all bell strikers have been rebuilt.

FATALITIES.

Mrs. Margaret M. Cannon died May 17 from burns sustained May 11.

Mrs. Peter Kalish died July 26 from burns sustained the same date.

Albert Parker died Sept. 17 from burns sustained Sept. 16.

DEATHS.

JEREMIAH E. DWYER, Engine Co. No. 6;
died January 10, 1913;
joined the department January 6, 1906.

STEPHEN J. CASSIDY, Hook and Ladder
Co. No. 3;
died September 10, 1913;
joined the department February 2, 1892.

CAPT. ALONZO V. JASON, pension roll;
died October 6, 1913;
joined the department August 29, 1878.

CAPT. DAVID W. HOWLAND, Hose Co. No. 3;
died October 10, 1913;
joined the department Sept. 15, 1855.

FINANCIAL STATEMENT.

DR.

Appropriation	\$ 155,208.00	
Receipts	2,330.36	
	<hr/>	\$157,538.36

CR.

Salaries, permanent force	\$ 102,106.90	
Salaries, call force	26,067.29	
Horse feed and bedding	5,067.45	
Supplies and furnishings	3,229.93	
Light	1,465.92	
Telephones	623.23	
Fire Alarm	3,963.00	
Blacksmithing and shoeing	950.12	
Apparatus repairs	1,815.45	
Harness and repairs	108.92	
Station repairs	3,131.39	
Fuel	3 499.77	
Horses and horse hire	575.00	
Hose and couplings	1,618.64	
Committee expenses	1,016.23	
Miscellaneous	594.82	
	<hr/>	155,834.06
Transfer, to balance	1,704.30	\$157,538.36

RECOMMENDATIONS.

I respectfully submit the following recommendations made by me in several previous annual reports.

That a new Central Fire Station be built.

That a new Central office equipment for the Fire Alarm Telegraph be purchased.

That an automobile be furnished the Chief Engineer.

That our Hook and Ladder Trucks be converted to motor type.

That the pay of Assistant Engineers be fixed in accordance with my recommendation of last year.

I recommend to your early consideration the matter of replacing every piece of horse drawn apparatus in this department with motor driven apparatus.

The success of our efforts to control fires depend upon our ability to get an effective stream of water upon the fire quickly, it requires from eight to fifteen minutes to get any service from a steam fire engine, while full power and efficient service can be obtained from the motor pumping engine at a moments notice, this, and the fact that a substantial saving in cost of maintenance can be shown by installing motor apparatus warrants the initial expense of making an entire change. We have four old hose and coal wagons in reserve that should be disposed of as we have no further use for them, and lack space for storage.

Respectfully submitted,

EDWARD F. DAHILL,
Chief Engineer.

THE NEW BEDFORD PROTECTING SOCIETY.

1913—1914

PRESIDENT :

CHAS. S. KELLEY, JR.

DIRECTORS.

HENRY S. HUTCHINSON	CHESTER P. REXFORD
THOMAS B. AKIN	F. OSCAR COVILL
CHAS. S. BAYLIES	F. P. R. PATTERSON
EDWARD B. ROBBINS	JOSEPH F. CORNWELL.

SECRETARY AND TREASURER :

EDMOND L. WILDE

Allen, Geo. H. H.
 Bates, Clarence A.
 Webber, James A.
 Swift, Horace W.
 Blair, John K.
 Dawe, William C.
 Bonneau, F. A.
 Bourne, Williams S.
 Brightman, Harry C.
 Brooks, Arthur T.
 Coe, I. H., Jr.
 Coggeshall, R. C. P.
 Brooks, Andrew J.
 Williams, Thos. W.
 Knowles, Jos. F.
 Delano, Arthur D.
 Dias, Joseph
 Francis, James P.
 Covill, Clarence W.
 Gifford, Frank H.
 Gifford, Thos. J.
 Boucher, Ernest H.
 McDonald, Henry J.
 Howard, Henry, Jr.
 Howland, John J.
 Humphrey, Jas. L., Jr.
 Taber, George C.
 Knowles, Henry S.
 Lewis, Edgar R.
 Macy, Frederick B.
 Macy, George I.
 Macy, J. Roland

Manchester, P. F.
 Mendelson, Hyman
 Tuell, Clifton P.
 Watson, Edwin M.
 Makin, Henry J.
 Parker, David L.
 Perry, Samuel H.
 Pitman, William H.
 Porier, Aime J.
 Potter, William F.
 Oesting, Edward A.
 Olivier, Geo. L.
 Oman, Charles E.
 Smith, Nat. C.
 Richardson, Louis H.
 Francis, Arthur S.
 Phillips, William C.
 Robinson, Wm. A., Jr.
 Allen, David W.
 Sharples, Charles S.
 Sharples, Arthur
 Smith, Alex. T.
 Dunham, Otis M.
 Sullivan, D. J.
 Sears, Louis A.
 Taber, Frederic H.
 Taylor, Wm. T.
 Allen, William M.
 Wagner, Isaiah C.
 Jason, Alonzo V., Jr.
 Wood, Horace
 Burke, Harry

REPORT OF ALARMS, LOSSES AND INSURANCE FOR THE YEAR 1913.

---Alarms---		-----Damage-----		-----Insurance-----		
Month	Bell	Still	Buildings	Contents	Buildings	Contents
January	11	23	\$1,462.50	\$1,131.88	\$66,000.00	\$23,800.00
February	13	28	1,051.75	1,331.50	42,200.00	4,800.00
March	10	18	2,465.21	3,686.59	16,500.00	23,500.00
April	16	32	2,233.58	890.61	20,950.00	3,600.00
May	27	42	2,252.01	1,373.00	97,112.00	10,843.12
June	16	26	7,297.63	1,923.25	65,800.00	8,100.00
July	30	54	3,484.78	2,433.38	38,100.00	9,200.00
August	28	45	1,365.42	95.72	383,800.00	9,400.00
September	10	16	642.33	236.00	18,900.00	1,600.00
October	11	11	4,436.16	2,202.52	18,500.00	8,100.00
November	11	16	3,493.00	4,195.00	21,400.00	15,400.00
December	21	16	4,243.47	3,844.96	20,600.00	12,800.00
	204	327	\$34,427.84	\$23,344.41	\$809,862.00	\$131,143.12

Total reported loss.....\$57,772.25
Total reported insurance.....941,005.12

NO SIGNAL FIRES, 1913

Damage to buildings,	\$ 539.50
Damage to contents,	412.64
Total loss reported,	\$ 952.14
Insurance on buildings,	\$102,100.00
Insurance on contents	42,150.00
Total insurance reported,	\$144,250.00

FIRE ALARM TELEGRAPH, 1913.

SUPERINTENDENT.

EDWARD F. DAHILL, Chief Engineer.

LOCATION OF SIGNAL BOXES.

OLD
NO.

NEW
NO.

PRIVATE BOXES.

71	112	Pairpoint Corp.
712	113	Quisset Mill
76	114	City Mills
73	115	Potomska Mills
74	116	Acushnet Mills
82	117	Hathaway Mills
78	118	Dartmouth Mills
79	12	Butler Mill
821	122	Holmes Mill
823	124	Booth Mill
781	125	Kilburn Mill
831	13	Page Mill
81	131	Gosnold Mills
83	132	Rotch Mills
84	133	Sharp Mill
75	14	Morse T. D. & M. Co.,
72	141	Young & Kimball
85	142	N.B. Gas & Ed.Lt.Co., Water St.
86	143	N. E. Steamship Co.,
341	144	N. E. Telephone & Telegraph Co.
145	145	U. S. R. R. Co., Power House
146	146	U. S. R. R. Co., Popes Island
67	15	N. B. Cordage Co.

65	21	E. E. Taylor Shoe Co.
64	211	N. B. Spinning Co.
63	212	Wamsutta Mills
62	213	Grinnell Mill
95	214	Bristol Mill
96	215	Columbia Mills
93	216	Pierce Mills
91	217	Bennett Mills
912	218	Soule Mill
97	221	Whitman Mills
971	223	Manomet Mills
931	224	Nashawena Mills
972	225	Nonquit Mill
611	23	Neild Mill
616	231	Pierce Bros. Ltd. Mill
614	232	Taber Mill
617	233	N. B. Cotton Mills
613	234	Beacon Mills
61	24	U. S. R. R. Co., Weld St.
612	241	Snell & Simpson
618	242	Smith Bros. Brewery

OLD
NO.

NEW
NO.

619	243	N. B. Warehouse
69	244	Dawson's Brewery
615	245	Old Colony Box Co.
143	25	A. L. Blackmer Co.
68	251	N. B. Copper Co.
92	252	Z. B. Davis Corp.
94	253	Freight House, Pearl St.
941	254	Freight House, Willis St.
942	255	Railroad Engine House

PUBLIC BOXES.

3	3	Lunds Corner
219	31	Acushnet Av. and Wood St.
131	311	Acushnet Av. and Perry St.
132	313	Acushnet Av. and Belleville Rd.
13	315	Howard Av. and River Rd.
133	316	Belleville Av. and Covell St.
138	317	Belleville Av. and Hope St.
218	323	Bowditch and Shaw Sts.
116	324	Nash Rd. and Bowditch St.
115	334	Nash Rd. and Church St.
331	363	Shawmut Av. and Plainville Rd.
*	38	Acushnet and Squin Aves.
*	386	Acushnet Av. and Phillips Rd.

119	4	Tinkham Av. and North Front St.
217	41	Hathaway Av. and Diman St.
139	411	Belleville Av. and Davis St.
123	412	Acushnet Av. and Davis St.
9	413	Bowditch St. and Coffin Aves.
118	414	Coffin Av. and No. Front St.
216	415	Belleville and Coffin Aves.
136	416	Acushnet Av. and Bullard St.
134	42	Belleville Av. and Nye St.
215	421	Tallman and Bowditch Sts.
124	422	Acushnet Av. and Sawyer St.
117	423	Holly and North Front Sts.
137	43	Acushnet Av. S. of Coggeshall S
135	431	Belleville Av. and Coggeshall St.
126	432	Cedar Grove and North Front St
125	433	Bowditch and Weld Sts.
214	434	Hicks St., east of Howe St.
114	441	Brook and Earl Sts.
4	452	Mt. Pleasant St., near Reservoir
113	46	Sawyer and County Sts.
*	461	Coggeshall and Reynolds Sts.

129	462	Purchase and Cedar Grove Sts.	46	614	Water and Leonard Sts.
128	463	County and Clark Sts.	39	615	Cannon and Second Sts.
*	464	Myrtle and Clark Sts.	38	616	Bedford and Sixth Sts.
127	47	Purchase and Linden Sts.	45	62	Allen and Dartmouth Sts.
211	471	County and Linden Sts.	42	621	Allen and Page Sts.
5	472	Cottage and Durfee Sts.	421	622	Allen and Brigham Sts.
12	48	Shawmut Av. and Durfee St.	381	623	Bedford and Borden Sts.
*	482	Shawmut Av. and Grand St.	41	63	Hawthorn and Page Sts.
122	484	Shawmut Av. and Hathaway Rd.	37	64	Orchard and Clinton Sts.
*	49	Rockdale Av. and Rogers St.	29	641	Arnold and Ash Sts.
			221	642	Arnold and Rotch Sts.
6	5	Hazzard and State Sts.			
7	51	Purchase and Franklin Sts.	49	7	Howland and Second Sts.
8	511	County and Pearl Sts.	48	71	Water and South Sts.
14	512	Purchase and Willis Sts.	52	711	Purchase and Potomska Sts.
17	513	Acushnet Av. and Maxfield St.	56	712	Water and Rivet Sts.
19	514	Sycamore and State Sts.	561	713	Water and Division Sts.
212	52	Merrimac and Summer Sts.	58	714	Water and Cove Sts.
213	521	Cedar and Locust Sts.	47	72	County and Grinnell Sts.
151	523	Shawmut Av. and Parker St.	*	721	Rockland and Hall Sts.
15	524	Smith and Cedar Sts.	512	722	Orchard and Fair Sts.
23	53	Kempton and Liberty Sts.	57	723	County and Mosher Sts.
225	531	Kempton and Florence Sts.	53	73	Crapo and Rivet Sts.
224	532	Kempton and Reed Sts.	54	731	Rivet St. and Bolton Rd.
228	533	Kempton and Jenny Lind Sts.	*	732	Crapo and Division Sts.
18	54	Purchase and North Sts.	51	74	Dartmouth and Rockland Sts.
21	541	Water and North Sts.	59	741	Dartmouth and Dunbar Sts.
26	542	Water and Middle Sts.			
227	543	Fish Island	581	8	Alms-house
226	544	Rodman and Front Sts.	*	81	Brock Av. and Capitol St.
16	551	County and Hillman Sts.	582	811	Brock Av. and Butler St.
25	552	County and Kempton Sts.	583	812	Brock Av. and Mott St.
27	553	Purchase St. and Mechanics Lane	585	813	Rush Av. and Salisbury St.
32	56	Union and Eight Sts.	586	821	West French Av. and Willard St.
31	561	Union St. and Acushnet Av.	584	83	East French Av. and Cove St.
34	562	Union and Water Sts.			
231	57	Hillman and Ash Sts.			
24	58	Kempton and Cedar Sts.			
28	581	Court and Cedar Sts.			
321	582	Union and Park Sts.			
223	59	Court and James St.			
35	6	Purchase and School Sts.			
*	61	Pleasant and Madison Sts.			
43	611	Walnut and Seventh Sts.			
36	612	Walnut and Water Sts.			
361	613	Water and Coffin Sts.			

Special Signals.

- 121 struck twice, General Alarm.
- 22 struck once, summons Truck No. 1.
- 33 struck once, summons Truck No. 2.
- 44 struck once, summons Truck No. 3.
- 22 struck twice, No School Signal.
- 2-2-2 struck four times, Police Call.
- 10 blows, struck twice, Military Call.
- 15 blows, struck twice, Naval Reserve Call.

HOSE COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Oct. 31, 1882	85	Frank A. C. Greene	Captain	Station No. 2	Fireman
Nov. 14, 1894	83	Frank A. Lewis	Lieutenant	207 Court St.	"
Aug. 29, 1904	80	William N. Whelan	Hoseman	143 Pleasant St.	"
May 5, 1901	81	Horace S. Bennett	Hoseman	Station No. 2	"
May 1, 1910	82	William S. Gatenby	Hoseman	27 Pierce St.	"
Dec. 15, 1912	79	George T. Davis	Hoseman	81 Thomas St.	"
March 7, 1911	84	Arthur E. Souza	Chauffeur	783 County St.	"

HOSE COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Dec. 13, 1888	185	Rueben Taber	Captain	1005 County St.	Fireman
May 1, 1896	194	James H. Mahoney	Lieutenant	101 Ashland St.	"
May 1, 1910	186	John J. Mahon	Hoseman	81 Myrtle St.	"
Dec. 12, 1893	191	Arthur R. McDonald	Hoseman	427 Cedar Grove	"
Oct. 1, 1895	189	John E. Murphy	Hoseman	209 Cedar Grove	"
May 9, 1905	193	Joseph A. Mahoney	Hoseman	508 Cottage St.	"
Nov. 16, 1913	181	John T. Conway	Hoseman	136 No. Front St.	"
Nov. 23, 1913		Thomas J. Summers	Hoseman	146 State St.	"
Nov. 1, 1910	192	Philip J. Prevost	Chauffeur	Station No. 10	"

HOSE COMPANY No. 3.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
April 22, 1896	268	Chas. P. Johnson	Lieut.	489 Acushnet Ave.	Carpenter
Sept. 14, 1903	263	Wilfred L. Bacon	Clerk	42 Summer St.	Plumber
Jan. 12, 1892	266	Henry A. Sherman	Hoseman	51 Russell St.	Blacksmith
May 19, 1896	262	Chas. E. Thomas	"	42 Liberty St.	Carpenter
Jan. 13, 1896	265	Arthur C. Smith	"	39 Bedford St.	Electrician
Feb. 16, 1888	264	Frank C. Jennings	"	81 Allen St.	Clerk
Mar. 7, 1911	267	Peter Lambert	"	298 Union St.	Fireman
April 25, 1892	260	Charles W. Allen	Driver	86 High St.	"

HOSE COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Sept. 1, 1888	270	Jeremiah T. Haggerty	Captain	23 Valentine St.	Fireman
Dec. 9, 1894	271	Frederick E. Mosher	Hoseman	37 Woodlawn Ave.	"
May 21, 1911	272	John E. McDonald	"	149 Bonney St.	"
March 10, 1908	273	John Wooley	"	80 Brock Ave.	"
Jan. 4, 1900	275	Richard F. Burke	"	27 Viall St.	"
Aug. 11, 1908	276	James Saunderson, Jr.	"	57 Ellen St.	"
Sept. 8, 1908	274	Allan L. Phillips	Chauffeur	258 Brock Ave.	"

HOSE COMPANY No. 6.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
April 5, 1889	138	John W. Donaghy	Captain	39 Crapo St.	Fireman
Oct. 31, 1882	136	N. Herbert Greene	Driver	58 Bedford St.	"
Jan. 1, 1895	124	George H. Whelan	Hoseman	224 County St.	"
Oct. 19, 1908	132	John McQuilkin, Jr.	"	451 Orchard St.	"
Oct. 19, 1908	131	William J. Gibbs	"	102 Purchase St.	"
Oct. 1, 1902	123	Frank T. Cooke	"	144 Purchase St.	"
Sept. 11, 1906	134	Henry L. Burding	"	151 Rockland St.	"
Feb. 11, 1908	125	John Sylvia	"	279 Court St.	"

ENGINE COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
April 24, 1893	10	James L. Haskins	Captain	1536 Purchase St.	Fireman
July 28, 1890	16	Charles H. Thomas	1st. Lieut.	663 Cottage St.	Rollcoverer
July 30, 1894	13	Herbert C. Gifford	2nd. Lieut.	75 Maxfield St.	Foreman
May 25, 1895	6	Law'ce T. Woolfenden	Clerk	6 Studley St.	Shoe dealer
Dec. 29, 1884	19	John Whitehead	Hoseman	1638 Purchase St.	Merchant
Feb. 26, 1900	15	George Palmer	"	61 Myrtle St.	Machinist
July 28, 1902	14	William F. Thomas	"	Mt. Pleasant lane	Ice dealer
July 25, 1904	11	Sidney S. Fisher	"	6 Franklin St.	Chauffeur
Dec 3, 1888	12	Bartholomew P. Fury	"	130 Willis St.	Clerk
Jan. 14, 1908	9	William D. Flag	"	5 Warwick St.	Firemen
Sept 1, 1901	8	Hyman Mechaber	"	87 Kenyon St.	Merchant.
Dec. 8, 1908	18	Peter Hebert	Substitute	1521 Purchase St.	Carpenter
Mar. 1, 1901	20	Joseph L. Crowley	Engineer	252 Chestnut St.	Fireman
June 9, 1894	21	Edward F. A. Cowen	Driver	1196 Pleasant St.	"
Dec. 1, 1894	23	William H. Young	"	253 Chestnut St.	"
Jan. 12, 1892	22	George W. Haskins	"	1519 Purchase St.	"

ENGINE COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
May 21, 1863	30	Loring T. Parlow	Captain	763 Kempton St.	Fireman
June 1, 1907	33	David A. Dexter	Lieutenant	217 Hillman St.	Glasscutter
July 2, 1894	25	Harrie B. Jennings	Clerk	349 Reed St.	Salesman
Sept. 30, 1889	26	Obed S. Cowing	Hoseman	559 Kempton St.	Carpet Upholsterer
Jan. 5, 1884	35	Frank Spooner	"	366 North St.	Painter
April 29, 1901	27	Edward L. Moriarty	"	387 Park St.	Manager
Sept. 3, 1907	36	Nicholas S. Davis	"	8 Hunter St.	Cyanide Maker
Sept. 3, 1907	29	Charles E. Carroll	"	247 Middle St.	Gas Fore'm
March 10, 1908	90	Walter H. Peirce	"	304 Kempton St.	Stable Keeper
Jan. 14, 1908	24	Frederick A. Blossom	Substitute	37 Buttonwood St.	Wood Worker
Jan. 14, 1908	34	Herbert W. Bliss	"	72 Rotch St.	Salesman
May 1, 1910	38	John R. Walsh	Engineer	136 Florence St.	Engineer
Feb. 2, 1902	40	Oscar S. Hammond	Stoker	319 Cottage St.	Carpenter
Oct. 23, 1906	41	James S. Cooke	Driver	30 Buttonwood St.	Fireman
Jan. 8, 1907	37	Ernest G. S. Teachman	"	360 Reed St.	"
May 12, 1909	28	Thomas F. Breakell	"	866 Rockdale Ave.	"
July 11, 1904	32	Frank R. Riley	Hoseman	162 Chancery St.	"

ENGINE COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Oct. 4, 1897	44	Fred E. Ricketson	Captain	111 High St.	Fireman
Dec. 30, 1895	51	John E. Joseph	Hoseman	97 S. Sixth St.	"
May 28, 1894	45	Louis A. Vierick	"	111 Grinnell St.	"
Oct. 26, 1903	54	Frank H. Vincent	"	117 Grinnell St.	"
Aug. 10, 1909	56	Walter H. Merchant, Jr	Chauffeur	61 Bay St.	"
July 1, 1896	57	William L. Durfee	Hoseman	300 County St.	"
May 1, 1910	48	Norman S. Dyer	"	42 Bedford St.	"
Jan. 28, 1901	59	James T. Wing	"	3 Green St.	"
July 13, 1908	55	Edward A. Pollock	"	156 Grinnell St.	"
Oct. 7, 1913	42	Joseph E. Freitas	"	71 Acushnet Ave.	"

ENGINE COMPANY No. 5.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Dec. 31, 1888	70	Thomas H. Forbes	Captain	120 Chestnut St.	Fireman
Dec. 28, 1891	73	Ernest L. Soule	1st. Lieut.	50 Hill St.	Wood- worker
Mar. 27, 1899	65	William C. Coon	2nd. Lieut	69 Foster St.	Painter
Oct. 1, 1885	63	Joseph C. Forbes	Clerk	299 Chancery St.	Clerk
Jan. 28, 1883	77	Martin S. Nelson	Hoseman	59 Thomas St.	Fireman
Sept. 30, 1890	68	Thomas N. Meyer	"	219 Kempton St.	Carpenter
Dec. 31, 1894	66	Charles H. Bowman	"	94 Middle St.	Teamster
April 29, 1895	72	Louis H. Almy	"	200 Tremont St.	Printer
Aug. 1, 1898	71	Alfred R. Morse, Jr.	"	23 North St.	Piper
July 31, 1899	64	Samuel E. Gabriel	"	463 Cottage St.	Janitor
July 9, 1907	69	Ernest Allen	"	21 Chestnut St.	Harness Maker
April 26, 1907	60	Egbert G. Bullard	Substitute	139 Hillman St.	Architect
Mar. 10, 1884	74	Benj. C. Groves	Engineer	6 Foster St.	Fireman
Mar. 1, 1882	76	Charles W. Jones	Stoker	66 Mill St.	Contractor
May 9, 1905	75	Edward J. Bly	Driver	104 Smith St.	Fireman
Feb. 1, 1893	61	Frank B. Chadwick	"	247 Hillman St.	"
Feb. 3, 1903	62	Charles H. Lawrence	Driver	171 Kempton	"

ENGINE COMPANY No. 7.

Date of joining dept,	No. of badge	Name	Rank	Residence	Occupation
Sept. 1, 1890	205	Edward H. Coggeshall	Captain	13 Collins St.	Fireman
Sept. 1, 1890	204	Edward H. Booth	1st. Lieut.	1 Vine St	Retired
Sept. 1, 1890	206	John H. Ryan	2nd. Lieut.	563 Cottage St.	Sealer of weights & measures
Jan. 3, 1893	195	John N. O'Brien	Clerk	101 Robeson St.	Merchant
Sept. 1, 1890	209	Charles A. Galligan	Hoseman	36 Pearl St.	"
Sept. 1, 1890	207	John D. Manseau	"	30 Durfee St.	Laborer
Sept. 1, 1890	203	Geo. A. Bosworth	"	674 Cottage St.	Con-tractor
Dec. 11, 1894	196	William Simister	"	91 Robeson St.	Merchant
July 2, 1901	208	Johnathan C. Andrews	"	55 Mt. Pleasant St	Carpenter
Aug. 2, 1904	197	James F. Collins	"	18 Trinity St.	Plumber
April 5, 1897	210	Edward L. Wilson	"	61 Durfee St.	Painter
Mar. 12, 1907	211	Joseph H. Gurl	Substitute	260 Mt. Pleasant St.	Teamster
June 10, 1908	198	Paul Gagne	"	438 Summer St.	"
Mar. 1, 1901	199	Henry Leeming	Engineer	26 Collins St.	Fireman
Sept. 1, 1890	202	Andrew W. Tripp	Stoker	45 Durfee St.	Shoemaker
Sept. 1, 1890	200	William H. H. S. King	Driver	451 Summer St.	Fireman
May 1, 1910	201	Frederick A. Stowell	"	25 Ashland Place	"
June 11, 1907	212	George Pierce, Jr.	"	135 Robeson St.	"
June 1, 1907	215	Manuel Brown	"	41 Pierce St.	"

ENGINE COMPANY No. 8.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
May 5, 1884	238	George H. Cook	Captain	280 Earl St.	Fireman
Dec. 1, 1894	251	Daniel S. Considine	1st. Lieut.	171 Davis St.	Merchant
Dec. 1, 1894	246	Robert McWhinnie	2nd Lieut.	317 Davis St.	Overseer
Nov. 3, 1897	243	Michael E. Daley	Clerk	238 Collette St.	Contractor
Dec. 1, 1894	247	Edward L. Hughes	Hoseman	353 Davis St.	Machinist
Jan. 27, 1902	249	Timothy J. O'Brien	"	250 Davis St.	Retired
Sept. 1, 1888	253	William McCann	"	200 N. Front St.	Agent
June 12, 1906	248	George Entwistle	"	1627 Acushnet Ave.	Laborer
July 31, 1893	241	John Wolfenden	"	69 Dean St.	Retired
Nov. 10, 1908	252	Joseph Z. Boucher	"	204 Davis St.	Merchant
Mar. 30, 1896	244	Thomas Walmsley	"	158 Davis St.	Clerk
Dec. 8, 1908	242	Peter J. Ward	Substitute	303 Collette St.	Clerk
April 28, 1892	237	William R. Moore	Engineer	282 Bowditch St.	Fireman
Dec. 1, 1894	240	John Watkinson	Stoker	123 Tallman St.	"
Dec. 1, 1894	250	Antonio M. Lemos	Driver	176 Davis St.	"
Oct. 26, 1903	239	Frank N. Cleveland	"	217 Phillips Ave.	"
Nov. 1, 1910	254	Thomas Wooley, Jr.	"	42 Fair St.	"
Dec. 15, 1912	245	Michael J. Melia	"	211 Hathaway St.	"
Nov. 21, 1913		Charles J. Calnan	Hoseman	200 Weld St.	"
Nov. 17, 1913		Frederick G. Gifford	Chauffeur	198 Tinkham Ave.	"

ENGINE COMPANY No. 9.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Nov. 28, 1864	147	Francis P. Washburn	Captain	2443 Acushnet Ave	Retired
Mar. 7, 1901	146	Ambrose F. Merchant	Lieut.	Pond St.	Fireman
Sept. 24, 1900	159	Frank E. Washburn	Clerk	2443 Acushnet Ave	Carpenter
Nov. 10, 1908	149	Albert Crossley	Chauffeur	2266 Acushnet Ave.	Fireman
Dec. 14, 1878	160	Herbert M. Spooner	Hoseman	Main St.	Laborer
Sept. 3, 1883	151	John G. Whalon	"	906 Belleville Ave.	Grocer
May 31, 1892	157	Walter H. Darling	"	2444 Acushnet Ave.	Foreman
Sept. 1, 1892	148	Chas. A. Haskins	"	2237 Acushnet Ave.	Fireman
June 1, 1907	150	Horace A. Bird	"	2228 Acushnet Ave.	Fireman
Dec. 6, 1886	145	John F. Parker	"	924 Belleville Ave.	Fireman

HOOK AND LADDER COMPANY No. 1.

Date of Joining Dept	No. of badge	Name	Rank	Residence	Occupation
June 24, 1883	105	Edward D. Francis	Captain	86 Kempton St.	Shoemaker
July 10, 1906	86	Harry A. Francis	1st. Lieut.	86 Kempton St.	Shoemaker
Nov. 29, 1886	103	Alfred M. Gifford	2nd Lieut.	94 Maxfield St.	Teamster
Feb. 1, 1897	89	David A. Cobb	Clerk	379 Elm St.	Painter
Aug. 3, 1903	101	George H. Dunham	Ladderman	1519 Purchase St.	Carpenter
Jan. 1, 1900	107	Edward F. Magrath	"	228 Mill St.	Shoemaker
May 25, 1903	104	Frederick R. Symons	"	480 Acushnet Ave.	Glasscutter
May 19, 1896	100	John P. Thompson	"	343 Kempton St.	Painter
April 26, 1897	106	William F. Wilcox	"	7 North St.	Hostler
Jan. 14, 1908	87	Wm. E. Russell	Driver	130 Mill St.	Fireman
Feb. 13, 1895	97	Isaac R. Allen	Tillerman	120 High St.	"
Dec. 5, 1887	92	Geo. S. Allen	Driver	297 Acushnet Ave.	"
Jan. 1, 1895	98	Edward C. Negus, Jr.	"	93 Park St.	"

HOOK AND LADDER COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Sept. 8, 1893	176	Edmund M. Murphy	Captain	168 Austin St.	Clerk
Sept. 1, 1892	174	C. Henry McCarthy	1st Lieut.	87 Hazard St.	Foreman
April 14, 1908	172	Edward T. Mahoney	2nd Lieut	508 Cottage St.	Druggist
Sept. 1, 1888	180	Peter F. Sullivan	Clerk	328 Cedar St.	Book keeper
Dec. 18, 1894	181	John T. Conway	Ladderman	136 N. Front St.	Fireman
Jan. 10, 1911	178	Onat A. Chausse	Substitute	230 Coffin Ave.	Clerk
Oct. 19, 1908	108	Wm. F. McDonald	Driver	130 Myrtle St.	Fireman
April 22, 1896	167	Charles E. Robertson	Tillerman	238 Pleasant St.	"
Mar. 1, 1892	173	William Sellecks	Driver	18 Peckham St.	"
Dec. 13, 1898	171	John H. Galligan	"	62 Durfee St.	'

HOOK AND LADDER COMPANY No. 3.

Date of Joining Dept.	No. of badge	Name	Rank	Residence	Occupation
Dec. 15, 1892	232	Charles E. Greene	1st. Lieut.	205 County St.	Fireman
Nov. 1, 1891	218	John O'Neil	2nd. Lieut.	327 County St.	Glasscutter
May 3, 1904	227	Chas. A. McAvoy	Clerk	25 Welcome St.	Merchant
Nov. 1, 1891	219	Daniel E. Nelson	Ladderman	99 South St.	Mason
Nov. 1, 1891	222	Henry R. Lindsey	"	211 County St.	Carpenter
Aug. 13, 1904	233	Michael Quinn	"	103 Rockland St.	Laborer
June 5, 1899	224	Owen J. Dowd	"	1039 S. Water St.	Barber
Oct. 31, 1882	221	Marshall S. Greene	"	233 Rivet St.	Mason
Oct. 31, 1882	228	Frederick S. Nelson	"	43 Sherman St.	Mason
Jan. 13, 1898	229	F. C. Edmondson	"	32 Winsor St.	Grinder
July 9, 1907	230	William Butler	"	2 Sears St.	Merchant
Sept. 12, 1905	220	Edgar F. Howland	"	181 Grinnell St.	Rigger
May 4, 1899	234	William C. De Mello	"	211 Acushnet Ave.	Foreman
Oct. 19, 1908	223	Edward F. Wood	"	116 Purchase St.	Gas fitter
April 2, 1895	231	William J. Moore	Driver	154 Rockland St.	Fireman
Aug. 10, 1909	226	James Doran	Tillerman	236 Purchase St.	"

RECORD OF SIGNAL FIRES — JANUARY, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	4:39 p m	Still	96 Madison st	W R West	W R West	Wood	Burning soot	65.00		10,000.00	
	5:15 p m	Still	58 So Second st	B F Fish	Dennis Dextrel	Wood	Lamp accident				
3	8:55 p m	124	294 Sawyer st	Clara Nault	Jos Ranalette	Wood		600.00	500.00	1,500.00	
	11:15 a m	Still	35 Beech st	Wm Spooner	John Machado	Wood	Burning soot				
	4:45 p m	Still	1285 Rockdale av	Geo Borden	Geo Borden	Wood	Burning soot				
	8:27 p m	Still	111 Cove rd	Francis Lebeau	M V Medeiros	Wood	Burning soot				
	9:06 p m	Still	Union & Fourth	N B Dry Goods Co	N B Dry Goods Co	Brick	Wall collapsed				
	9:25 p m	Still	Locust st				Burn. elec. light. pole				
4	9:35 p m	Still	1103 So Water st	G & L Poisson	W Moran	Wood	Burning soot		25.00		5,000.00
5	4:45 p m	Still	358 Acushnet av	W B Macomber	E T Chapman & Co	Brick	Spark on awning	128.00	15.00	3,000.00	1,500.00
7	4:46 a m	216	431 Belleville av	Manuel Roderrick	Antone Porenska	Wood		100.00		32,000.00	3,500.00
8	5:28 a m	385	(Ruth st	St Anne's Parish	St Anne's Parish	B & W	Escaping gas ignited				
	8:14 a m	Still	119 Hillman st	Sam'l Dudgeon	Samuel Dudgeon	Wood	Burning rags in closet				
	5:50 a m	Still	141 Brock av	A P Gosselin	A P Gosselin	Wood					
9	11:40 a m	Still	49 Delano st	G T Paquette	M M Silvia	Wood	Overheated stove pipe	25.00	60.00		2,000.00
	9:45 a m	57	286 No Front st	Jos Bolduc	P Therrien	Wood	Burning soot				
10	8:20 p m	Still	10 Fifth st	A E Coffin	A E Coffin	Brick	Burn'g electric motor	76.28			7,400.00
	9:52 a m	Still	Rockdale av				Burning grass				
11	1:13 p m	Still	5 94 Purchase st	Eusebe Therrien	John A Gomes	Wood		123.25	5.00	5,000.00	300.00
12	12:35 a m	7	4 Stanton ct	John Viera	Manuel Medeiros	Wood	Spontan. combustion	25.00			
	2:20 a m	53	150 Nash rd	Leon Branchaud	Lorenzo Pelletier	Wood	Lamp accident	25.00	35.50	2,500.00	700.00
14	8:13 p m	119	744 County st	Mrs. W A McCord	Mrs. W A McCord	Wood	Lamp accident	121.25	25.00	6,500.00	2,000.00
	9:10 a m	Still	29 Delano st	Jos Poisson	D J Roberts	Wood	Gas stove		25.10		400.00
	8:02 p m	561	31 Morton ct	Philip Charrette	Philip Charrette	Wood	Burning soot				
15	6:02 p m	Still	12 So Ash st	D F Sullivan	D F Sullivan	Wood	Child and match	190.00	315.00	1,500.00	500.00
	11:22 a m	29	Brook st			Wood	Burning grass				
16	4:10 p m	Still	Hazelwood Park				Overheated pulley				
22	9:20 p m	Still	202 No Water st		Jones & Dodge	Wood		50.00			
23	2:01 p m	Still	r. 1213 R'kdale av	Wm Upham	Wm Upham	Wood	Overheated stove	5.00	50.00		
	1:53 p m	42	Page & Allen sts	C O Brightman	C O Brightman	Wood	Overheated stove				
29	9:59 p m	Still	112 Grinnell st	Emily Barker	H A Rosa	Wood	Burning food				
30	12:32 a m	Still	82 School st	Louis Mallick	Louis Mallick	Wood	Incendiary	5.00		4,000.00	500.00
	10:42 a m	46	Prospect st	Pairpoint Corp	Norlander Mach Co	Wood					
	9:01 p m										

[1,462.50|1,131.88|66,000.00|23,800.00]

RECORD OF SIGNAL FIRES — FEBRUARY, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Insurance on Building	Insurance on Contents
1	7.06 p m	Still	285 Hillman st	John R Oitley	Mrs. Johnson	Dwelling	Wood	Burning soot Burning rubbish	22.50	1,000.00	
5	7.45 p m	Still	Hillman st, west	Jos Siczekowski	Frank Volosgensky	Dwelling	Wood	Sparks on roof			
6	5.12 a m	126	r. 180 Cedar Grove	Joseph Dawson	Winslow Tapham	Dwelling	Wood	Smoking in bed	5.00		
	6.55 p m	Still	23 North st	E A Douglass	John Oden	Dwelling	Wood	St in mistake n for smk			
	9.32 a m	Still	113 Court st	Israel Sher	L H Gibbs	Dwelling	Wood	Gas accident	20.00	5,000.00	
	10.05 a m	Still	26 Elm st	C C Tilton	G G King	Laundry	Wood	Child play with stove	25.00	4,500.00	
	11.09 a m	Still	1010 Acushnet av	Edmund Houle	Edmund Houle	Dwelling	Wood	Lamp accident	10.00	1,500.00	
8	5.33 p m	Still	103 Clifford st	Wm Loughlin	Etta Luce	Dwelling	Wood	Burning soot	15.00	4,000.00	
10	10.49 p m	25	276 Kempton st	W D Richards	Mattie Helme	Dwelling	Wood	Thawing water pipe			
	1.51 p m	Still	312 Acushnet av	Sam'l Genensky	Manuel Santos	Store & dwelling	Wood	Burning dump	50.00	3,500.00	800.00
	4.43 p m	Still	229 Coggeshall st								
	9.30 p m	Still	Indep'd r & Bonney								
11	1.45 a m	216	104 Phillips av	Rose C Mello	Rose C Mello	Dwelling	Wood	Burning soot			
12	7.09 p m	Still	374 So Second st	M J K Bateilho	M J K Bateilho	Dwelling	Wood	Burning soot	112.25	1,500.00	
	7.25 p m	Still	1042 Shawmut av	W Sleight	Thos Baker	Dwelling	Wood	Child & match			
13	7.40 a m	31	29 So Second st	M Riley, Jr	John Stevens	Dwelling	Wood	Thawing water pipe	140.00	1,800.00	
	8.32 a m	Still	86 Union st	Loum Snow, Jr	E Monteiro	Barber shop	Wood	Burning soot			
	10.35 a m	46	409 So Water st	A Cohen	Annie Rargan	Store & dwelling	Wood	Burning soot	240.00	2,300.00	
	1.11 p m	Still	240 Chancery st	Elizabeth Carter	T R Keach	Dwelling	Wood	Overheated stove	2.00	6,000.00	
	9.04 p m	49	54 Fifth st	G W Lewis	Wm E Kern	Dwelling	Wood	Burning soot	15.00	2,000.00	1,500.00
15	11.51 p m	Still	464 So Water st	Morris Cohen	John Ramos	Dwelling	Wood	Child & match			
16	6.42 a m	Still	24 Wing st	S Goldberg	John Baptista	Barber shop	Wood	Burning soot			
17	8.32 p m	25	114 High st	Jacob Altman	Jacob Altman	Dwelling	Wood	Child & match	15.00	100.00	
18	6.12 p m	Still	14 Eighth st	Geo L Oliver	H D Prescott	Dwelling	Wood	Burning soot	15.00	9,000.00	
	6.12 p m	Still	180 Acushnet av	Jos S Williams	Y M C A branch	Dwelling	Wood	Hot ashes near bldg			
	8.08 p m	Still	W French av					Burning grass	10.00		
19	8.13 p m	Still	Wamsutta st	NY, NH & H RR Co	Mrs. John Natter	Freight car	Wood	Burning soot			
	10.42 a m	Still	522 County st	Mrs. John Natter		Dwelling	Wood	Burning brush			
	2.15 p m	Still	Rodney st					Child & match			
20	9.13 a m	124	r. 32 Holly st	Joseph Bolduc	Joseph Bolduc	Storage	Wood	Burning soot			
23	1.35 p m	Still	509 County st	John J. Howland	Frank Perry	Dwelling	Wood	Unusual smoke	43.00		500.00
24	5.43 p m	585	11 Roosevelt st	Joseph Belair	Peter T Jeffries	Dwelling	Wood				
	7.23 p m	Still	127 Belleville rd	T J Durant							
	10.20 p m	Still	Out of city, S Dart								
	11.33 p m	Still	677 So First st	Michael Phelan	B Dabrowski	Grocery	Wood	Burning rubbish	300.00	1,050.00	2,000.00
26	12.29 a m	561	Out of city, S Dart					Overheater chimney	25.00		
	10.38 a m	48	498 So Water st	E C Palmer	J C Ferguson	Laundry	Wood	Burning brush			
	11.35 a m	Still	177 Acushnet av								
	4.10 p m	Still	65 Woodlawn st	Paul Gardiner	Albert Boucher	Dwelling	Wood	Stm mistaken for smk	50.00	100.00	
28	6.52 p m	132	172 Bates st								
	12.50 p m	Still	489 Mill st								

1,051.75 | 1,331.50 | 42,200.00 | 4,800.00

RECORD OF SIGNAL FIRES — MARCH, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	12.38 p m	45	37 Bonney st	A G Cunningham	A G Cunningham	Dwelling	Wood	Overheated stove	50.00	50.00	1,700.00	
2	9.20 a m	Still	765 County st	Chas E Benton	Chas E Benton	Dwelling	Wood	Burning soot				
4	9.26 a m	Still	221 Davis st	Herbert Jenkinson				Hot ashes in barrel				
6	6.44 p m	Still	Brook av, south					Burning phone pole				
7	2.47 p m	36	94-96 So Water st	Mrs E Cooper	H S Amada	Tailor shop	Wood	Gas stove	270.00	125.00	1,000.00	
8	9.58 a m	137	1071-1073 Acush av	A Davis Ashley	Chamy & LeBlanc	Shoe store	Wood	Candle accident	7.46	1,992.03	1,000.00	16,500.00
9	10.43 a m	Still	Bowditch st	V B Dion			Wood	Burning automobile				
10	6.43 p m	58	1040 So Water st	F W Oesting		Barn	Wood	Boy and match				
11	12.08 p m	Still	Potomska & First					False alarm				
14	6.39 p m	Still	Park nr Kempton					Electric wire				
17	7.40 p m	Still	Newton & Kempton		O S Cowing	Dwelling	Wood	Match accident				
17	3.44 a m	Still	Foot of Wamsutta	N Y N H & H R R	Beacon Mfg Co	Freight car	Brick	Hot ashes	50.00	100.00		
18	11.55 p m	613	Purchase st	Beacon Mfg Co	Mrs E J O'Donnell	Lodging house	Wood	Spontan. combustion	166.75	72.50	6,000.00	2,000.00
18	1.54 a m	18	245 Purchase st	Mrs E J O'Donnell								
19	2.23 p m	Still	Hillman nr Florence					Burning grass				
22	2.24 p m	Still	Rotch nr Arnold	Homer Arsenault	Homer Arsenault	Dwelling	Wood	Burning grease				
22	5.45 p m	Still	24 Stapleton st					Burning grass				
23	3.53 p m	Still	Sawyer st					Burning grass				
24	1.41 p m	Still	73 So Sixth st	E C Fisher	Phoebe W Warner	Dwelling	Wood	Sparks on roof	5.00		1,000.00	
25	2.50 p m	Still	2 Jennings st	Manuel Sylvia	Edith Tripp	Dwelling	Wood	Burning soot				
26	6.53 p m	Still	36 Linden st	T J Murphy	T J Murphy	Grocery	Wood	No fire				
27	2.03 p m	23	316 Kempton st	Edwin Hunt	Edwin Hunt	Dwelling	Wood	Burning food				
28	12.54 p m	56	Blackmer & Water	City New Bedford	Police Dept	Police station	Brick	Careless smoker	25.00	30.00		
29	7.48 p m	Still	N. B. & F. Bridge					No fire				
30	10.45 p m	Still	Kempton st	Union St R R Co		Electric car	Wood	Electricity	150.00	277.87	800.00	1,000.00
30	12.28 a m	126	198 No Front st	Wm McCann	John Filochowski	Grocery	Wood		1,741.00	1,039.19	5,000.00	4,000.00
	2.12 a m	24	349 Kempton st	Jacob Altman	Arthur Uttley	Bakery						
									2,465.21	3,686.59	16,500.00	23,500.00

RECORD OF SIGNAL FIRES — APRIL, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	9.35 a m	Still	390 So Second st	Nathan Levine				Burning ash barrel				
	12.12 p m	Still	Pleasant st	Jos Burke	M J Daley	Lodging house	Wood	Burning ash barrel				
3	7.52 p m	Still	249 Purchase st	Jos M Souza	Jos M Souza	Stable	Wood	Burning curtain		5.00	500.00	
	2.49 p m	58	42 Scott st					Spread from dump	189.50	75.00		100.00
	5.40 p m	Still	Chancery st					Burning dump				
4	9.32 p m	Still	Union st	Ricketson estate	E D Davenport	Theatre	Wood	Burning soot				
5	7.23 p m	5	130 Blackmer st	Katherine Brennan	Henry Lapire	Dwelling	Wood	Unusual smoke		20.00		
6	6.47 p m	Still	1632 Acushnet av	Edward Geary	Frank Hey	Smokehouse	Wood	Hot ashes in cellar				
	11.57 a m	Still	Chancery st	Charles Perry		Stable		Burning soot				
	1.57 p m	Still	67 So Sixth st	Geo R Stetson	Herbert L Jones	Dwelling	Wood	False alarm				
7	9.32 p m	57						Burning soot	5.00	5.00	600.00	500.00
8	12.16 p m	Still	21 Center st	H C Briggs	Irene Lasalle	Dwelling	Wood	Child and match				
	9.10 a m	56	427 So Front st	I Alpert	Lede Marques	Dwelling	Wood	Burning dump	15.00			
	1.41 p m	Still	Popes Island					Careless smoker				
10	6.00 p m	Still	70 William st	Jas Greenwood est	Mary Marshall	Store	Wood	Burning soot				
11	1.32 a m	Still	76 Lombard st	Mary Marshall	L D Allen	Dwelling	Wood	Hot ashes in barrel				
	6.45 a m	Still	121 Park st	Sammuel Ferguson	Mrs Davis	Dwelling	Wood	Spontan. combustion	90.00	25.00	1,000.00	500.00
12	6.45 a m	Still	124 High st	Jennie W Cannon	W S Macaulay	Dwelling & gro'y	Wood	Defective fireplace	15.00	25.00	2,500.00	
14	9.50 a m	Still	167 Allen st	M A Hickey	Frank Wisnowski	Dwelling	Wood	Burning food				
15	7.50 a m	56	631 So First st	Chas Wolf	Tonai Neleio	Dwelling	Wood	Burning food				
	7.52 a m	216	5 Bullard st	Chas Mosher	H Lemeroux	Dwelling	Wood	Defective chimney	600.00	100.00	3,000.00	1,000.00
17	9.30 a m	Still	65 Hillman st									
	12.21 p m	Still	73 Capitol st									
19	6.55 p m	582										
	6.55 p m	216	100 Phillips av	Mmanuel Roderick	Mannel Ferreira	Dwelling	Wood	Rats and matches	14.08	400.00	500.00	
20	2.08 a m	225	84 Florence st	C G Patterson	C G Patterson	Stable	Wood		200.00		150.00	
	4.34 a m	Still	16-18 Market st	Geo P Williams	Geo P Williams	Garage						
	7.48 a m	Still	110 Brook st	Pierre A Lefine	S Cote	Dwelling	Wood	Burning auto	20.00		2,000.00	
22	7.48 a m	Still	Belleville rd					Defective stovepipe				
	11.55 a m	Still						Burning brush				
	12.02 a m	Still	62 Roosevelt st	John Isherwood	John Ross	Dwelling	Wood	Spontan. combustion				
	8.29 a m	Still	16 Elm st	A. Altman	James Williams	Dwelling	Wood	Unusual smoke				
	7.05 p m	Still	Durfee st					Burning brush				
	7.10 p m	Still	Rockdale av					Burning grass				
25	1.27 p m	Still	East side County rd					Burning woods				
	2.26 p m	Still	Rear 3136 Acush av					Burning brush				
	2.35 p m	3	East side County rd					Burning woods				
	5.16 p m	3	East side County rd					Burning woods				
26	6.40 a m	Still	633 So First st	M A Hickey	F Wisnowski	Grocery	Wood			40.46	2,500.00	500.00
	10.50 a m	3	East side County rd					Burning woods	850.00	170.15	2,500.00	1,000.00
	11.12 a m	Still	2McDonnell ct	S Goldys	W Zymha	Dwelling	Wood	Overheated stove				
	11.17 a m	135										
	9.25 p m	Still	Pearl st					Burning rubbish				
27	4.44 p m	Still	Nash rd					Burning brush				
28	9.35 a m	124	286 No Front st	Jos Boldue	Peter Morin	Dwelling	Wood		175.00	25.00	2,200.00	
	9.40 a m	117	286 No Front st					Needless alarm	50.00		3,500.00	
30	2.27 a m	561	1 Gifford st	Parsons & Tripp	John Danmfol	Dwelling	Wood	Burning woods				
	6.35 p m	Still	Hathaway rd					Burning brush				
	7.00 p m	Still	Hathaway rd									

RECORD OF SIGNAL FIRES -- MAY 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Class of Building	Causes	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	11.06 a m	Still	(831 Kenyon st	Wm Bloomer	Wm Bloomer	Wood	Burning soot	300.00	237.00	2,000.00	1,000.00
2	11.09 a m	125	27 Cannon st	F W Oesting	John Lopez	Wood	Burning brush				
3	8.45 a m	Still	Norman st				Burning brush				
3	3.15 p m	Still	Oak Grove Cem.				Needless alarm				
3	3.18 p m	Still					Burning soot				
4	6.40 p m	Still	1316 Rockdale av	Wm J Sutton	Wm J Sutton	Wood	Burning woods				
4	6.50 p m	Still	Union & James				Burning brush				
4	2.25 p m	Still	Mt Pleasant st				Burning brush				
4	3.07 p m	Still	Rockdale av				Burning brush				
5	5.18 p m	Still	Durfee st				Careless smoker		28.50	3,000.00	1,000.00
5	9.26 p m	58	850 So First st	Wash'gt'n S&M club	Walter Greenwood	Wood	Burning brush				
5	3.35 p m	Still	Hathaway rd				Burning brush	75.00	35.00		
6	12.58 p m	Still	Mt Pleasant st	Bradford Smith	David Duncan	Wood	Burning soot	160.10	50.00	2,000.00	
6	2.26 p m	211	r. 198 State st	S W Hayes	S W Hayes	Wood	Candle accident				
7	7.59 p m	Still	77 Pierce st	F S Stanton	Mrs Hopkins	Wood	Burning soot				
7	10.03 p m	321	866 Rockdale av	T F Breakell	Wilfred Bilodeau	Wood	Burning soot				
8	12.45 p m	Still	166 Bates av	Gilbert Gorslin	Frank Lewis	Wood	Burning soot				
8	10.31 a m	Still	46 Mosher st	Victorine Ponte	Elias E Yerid	Wood	Burning dump	50.00	400.00		2,500.00
10	12.39 p m	57	846 Purchase st	Est. Nathan Chase			Burning brush				
10	2.39 a m	127	Mosher & Crapo				Burning brush	15.00	2.00		
10	9.31 a m	Still	Hathaway rd	Philip Leen	Philip Leen	Wood	Burning brush				
10	11.58 a m	Still	452 So Water st				Burning brush				
10	12.57 p m	Still	Hathaway rd				Burning food	25.00		2,500.00	
10	12.59 p m	3	Hathaway rd				Electric fuse				
10	5.35 p m	Still	17 Edison st	Joseph Binseau	C Forbes	Wood	Lamp accident	600.00	250.00	5,500.00	
10	6.36 p m	115	40-42 Purchase	C F Wing	Cherry & Co	Brick	Burning brush				
10	8.57 p m	Still	29 Walnut st	Paul Pintow	J Texeira	Wood	Burning brush				
11	9.33 p m	36	Acush. av north				Burning brush				
11	10.51 a m	3	County rd				Burning dump				
11	11.50 a m	Still	Frederick st	Manuel Mello	Margar't M Cannon	Wood	Lamp accident	15.00	25.00		
12	5.22 p m	Still	77 Katharine st				Burning dump				
12	9.13 p m	53	Tarklin Hill rd				False alarm				
13	7.14 a m	3					Burning woods				
13	11.54 a m	Still									
13	5.10 p m	Still	Hawthorn st								

MAY — Continued.

Date	Time	Signal	Location	Owner or Agent	Occupant	Class of Building	Class of Building	Occupied as	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
14	6.45 p m	9	275 Phillips av	Geo Garlick	Geo Garlick	Wood	Wood	Dwelling	Gas meter	18.00	8.00		
	1.37 a m	116	286 Tinkham av	Jos Vincent		Wood	Wood	Hen house	Lamp accident				
	8.28 a m	Still	Grape st						Burning dump				
	4.24 p m	3	Morris Park						Burning brush				
	7.25 p m	Still	Nauset st						Burning dump				
15	10.44 p m	Still	Mosher & Crapo	F Connoyer	Argo Bourgo	Wood	Wood	Dwelling	Burning dump				
	12.55 a m	Still	85 Kenyon st						Oil stove accident				
	2.26 p m	3	Morris Park	Pierre Charron	Fred Sawyer	Wood	Wood	Dwelling	Burning brush	150.00	125.00	3,000.00	1,000.00
	3.05 p m	117	33 Holly st										
19	9.50 p m	421		J Berkowitz	Wm Greenwood	Wood	Wood	Store & Dwelling	False alarm				
	5.07 a m	58	98 Cove st						Spontan. combustion				
	10.07 a m	3	Morris Park						Burning brush				
	10.47 a m	Still	Collette st						Burning dump				
20	12.03 p m	Still	72 Spruce st	Dyer estate	Wallace Caswell	Wood	Wood	Dwelling	Gas stove near table				
	2.28 a m	36	85 So Second st	C L McBay	Sylvester Lopes	Wood	Wood	Grocery		200.00	150.00	2,500.00	600.00
21	10.51 a m	Still	(46 State st	C H Hussey	C H Hussey	Wood	Wood	Dwelling	Sparks on roof	50.00		2,500.00	
	10.55 a m	19											
	1.31 p m	Still	1005 So Water st	Sharpshooters Assn	E Cousineau	Brick	Brick	Drug store	Lighted pipe in coat		5.00	6,500.00	1,800.00
	3.20 p m	Still	130 Weld st	C A Galligan	Mrs Lareau	Wood	Wood	Dwelling	Careless smoker				
24	12.07 a m	18	245 Purchase st	E J O'Donnell	E J O'Donnell	Wood	Wood	Boarding house		586.91	42.50	9,112.00	1,943.12
	10.12 a m	Still	176 William st	C D Prescott	H D Prescott	Wood	Wood	Office	Electric fuse	2.00	10.00		1,000.00
25	7.23 a m	361	221 So Water st	Joseph Gomes	Joseph Gomes	Wood	Wood	Dwelling	Unusual smoke				
28	10.47 p m	Still	249 State st	J F Lemaire	J F Lemaire	Wood	Wood	Dwelling	Burning soot				
29	11.31 p m	Still	52 School st	C W Holcomb	Rudolph Lenhart	Wood	Wood	Dwelling	Careless smoker				
30	2.24 p m	585	12 Ashley st	C C Tilton	Luke Parks	Wood	Wood	Dwelling	Burning food				
	3.56 p m	Still	30 Elm st	Israel Sher	James McAfee	Wood	Wood	Dwelling	Cigar	5.00			
	4.22 p m	Still	Nash rd						Burning brush				
	4.23 p m	3	Phillips rd						Burning brush				
31	8.20 a m	Still	63 Mechanics lane	W Waterman	Mrs Bishop	Wood	Wood	Dwelling	Unusual smoke				
	10.45 a m	Still	289 Coggeshall st						Burning ash barrel				
	3.53 p m	218	Brooklyn Park						Burning brush				
	5.29 p m	Still	School & First sts	W G Walsh	W G Walsh	Brick	Brick	Storage	Faulty thermostat				
	5.35 p m	Still	Hawthorn st						Burning woods				

2,252.01 | 1,373.00 | 97,112.00 | 10,843.12

RECORD OF SIGNAL FIRES -- JUNE 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
2	9.56 a m	Still	(Front & Middle	City Coal Co	City Coal Co	Storage	Wood	Spontan. combustion				
	10.04 a m	26	126 Princeton st	Euclide Fissette	Albert A Boroyu	Dwelling	Wood		900.00	450.00	4,500.00	600.00
	5.10 p m	Still	Kempton st. west	Westport Mfg Co			Wood	Dray load cotton afire				
3	5.40 p m	Still	131 Elm st	Thos L Parsons	Thos L Parsons	Dwelling	Wood	Sparks from chimney	5.00		4,000.00	
4	8.53 a m	Still	241 Bowditch st	N R Lussier	N R Lussier	Store & dwelling	Wood	Electric wire				
5	9.00 a m	Still	63 Collette st	F G & A Velho	Frank Neiman	Dwelling	Wood	Burning grease	5.00			
6	10.30 a m	Still	Sassaquin				Wood	Burning brush				
	2.11 p m	3	51 Grinnell st	C R Cornell	Jos C Burfee	Dwelling	Wood	Burning soot				
8	6.42 p m	Still	160 Clara st				Wood	Burning ash barrel				
9	10.01 p m	Still	9 Willis st	Israel Wollison	Israel Wollison	Dwelling	Wood	Burning soot	750.00			
10	12.01 a m	14	290 So Orchard	Jas H Winslow	Wm Bordley	Dwelling	Wood	Burning dump				
11	10.55 a m	Still	Myrtle & Sawyer				Wood	Electricity				
12	12.22 p m	Still	Potomska & Acush				Wood	Cigarette stub				
13	7.19 p m	Still	Cedar & Smith sts	U S R R Co		Electric car						
14	10.40 p m	Still	(70 Hicks st				Wood		5,917.02	1,297.25	15,000.00	3,000.00
	8.34 a m	214	(	Sharpshooter's Corp	Sharpshooter's Corp	Assembly hall						
16	9.11 a m	214	28 Hilliana st	Walter A Perry	Helen N Landrie	Dwelling	Wood	Burning soot				
17	1.35 p m	Still	12 Wall st	Annie Burns	Patsy Salvador	Dwelling	Wood	Sparks on roof	15.00		400.00	
18	5.50 p m	Still	303 Maxfield st	E C Palmer			Wood					
	1.30 p m	Still	Fish Island	U S Government		Motor boat	Wood	Cigarette				
22	1.17 a m	125	52 Weld st	Mrs Duckworth	Mrs Edith Abbott	Dwelling	Wood	Careless smoker	25.00	25.00	2,000.00	
23	6.41 a m	213	294 Cedar st	Mrs Thos Murray	Mrs Thos Murray	Dwelling	Wood	Burning soot	5.00		1,500.00	
	11.55 a m	Still	r. 771 Purchase	Smith Bros	Smith Bros		Wood	Burning paper in yard				
	1.02 p m	Still	Reynolds & Penniman				Wood	Burning brush				
	2.53 p m	Still	28 Hilman st				Wood	Burning soot				
	3.36 p m	Still	Norman st				Wood	Burning dump				
24	5.27 p m	126	Ft. Washburn st	Walter A Perry	Mrs Reeves	Dwelling	Wood	Burning dump	74.61	25.00	7,600.00	3,500.00
25	8.41 p m	56	751-753 S Water	Bessie Yanims	Joseph Jacobson	Dwelling	Wood	Fire in packing cases				
26	10.30 p m	46	9 Leonard st	C R Sherman	Abram Shuster	Stable	Wood					
27	9.36 a m	Still	Sawyer st				Wood	Burning dump				
	2.42 p m	Still	Rivet & Bonney sts				Wood	Burning dump				
28	6.14 p m	39	Acushav & Cannon	B B Barney	Industrial School	School	S & W	Fireworks on roof	10.00		26,000.00	
	8.58 a m	561	748 So First st	Sam'l Genensky	Joseph Cauchon	Dwelling	Wood	Spontan. combustion				
29	12.42 p m	Still	128-130 Pleasant	G F Lewis	F G Tripp	Laundry	B & W	Hot ashes in cellar				
	2.55 a m	35	196 Union st	Lacy F Brownell	A Chaille	Tailor shop	Wood	Cigarette	50.00	1.00		300.00
	11.27 a m	Still	Second & Griffin sts	City New Bedford	Cemetery dept.		Wood	Burning grass				
	4.24 p m	512	137 Rockland st	M L Noia	Mrs Dean	Dwelling	Wood	Careless smoker	10.00	25.00	4,000.00	
30	8.17 p m	Still	756 Purchase st	Coffin estate			Wood	Boy set fire to bldg				
	9.52 a m	6	164 State st	E C Palmer	Rose Swain	Dwelling	Wood		230.00	100.00	700.00	700.00
	3.25 p m	Still	267 Fourth st	Mrs F Vera	J. Sappeira	Dwelling	Wood	Fireworks on roof	1.00		100.00	
	11.40 p m	Still	254 Acushnet av	Mr Cohen	John Lenos	Dwelling	Wood	Burning ash barrel				

7,297.63 1,923.25 65,800.00 8,100.00

RECORD OF SIGNAL FIRES — JULY, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building Contents	Insurance on Building	Insurance on Contents
1	10.10 p m	Still	Aeush av & Wil st	U. St R. R. Co	Louis Ginsberg	Electric car	Wood	Electricity	100.00	50.00	300.00
2	10.19 p m	117	287 No Front st	Louis Ginsberg		Barn	Wood	Burning dump			200.00
	10.15 a m	Still	Foot Collette st					Burning rubbish			
	1.27 p m	Still	Cof. & Belleville av					Burning brush			
	2.28 p m	3	Wildwood rd					Burning soot			
	7.44 p m	Still	6 Harmony st	Jas F Murphy	Edward Young	Dwelling	Wood	False alarm			
3	9.08 p m	Still	Pur. & North sts					Burning grass			
	11.20 a m	Still	Myrtle st	Frank Gonsales	Frank Gonsales	Dwelling	Wood	Fireworks on roof			
	1.40 p m	Still	32 Clark st					Fireworks on roof			
	3.54 p m	Still	West Maxfield st					Fireworks on roof			
	8.21 p m	Still	Bonney & Winsor					Fireworks on roof			
	8.47 p m	Still	County & Frank.					Fireworks on roof			
	11.54 p m	Still	Bon. & Jouvette					Fireworks on roof			
4	12.08 a m	Still	Union & Sixth sts					Fireworks on roof			
	12.10 a m	Still	Ward st					Fireworks on roof			
	12.11 a m	Still	Union & Aeush av					Fireworks on roof			
	2.45 a m	Still	756 Purchase st	Read Estate	Mrs McGinness	Store	Wood	Fireworks on roof			
	11.26 a m	Still	156 Belleville av	Fisher Wolfson	Jean Xavier	Dwelling	Wood	Burning brush			
	12.08 p m	3	No Tarklin Hill rd	N. P. Hayes	N P Hayes	Store	Brick	Fireworks on awning			
	1.57 p m	Still	65 William st					Fireworks on awning			
	3.20 p m	Still	Tarklin Hill rd					Fireworks on awning			
	3.48 p m	Still	151 Middle st	Geo F. Lewis		Dwelling	Wood	Fireworks	20.00		
	4.00 p m	Still	83 School st	C. H. Murphy		Dwelling	Wood	Fireworks	25.00	1,500.00	
	4.25 p m	Still	North & Emerson					Fireworks			
5	8.27 p m	24	192 Elm st	Chas Lightfoot	Chas Lightfoot	Dwelling	Wood	Fireworks	10.00		
	12.44 a m	36	59-63 So Second	John Cabral	John Cabral	Dwelling	Wood	Fireworks	557.40	4,000.00	500.00
	4.50 a m	Still	84 School st	Mary Donaghy	Mary Baker	Dwelling	Wood	Fireworks	21.00	15.00	3,000.00
	4.45 p m	Still	Aeushnet av			Ball park	Wood	Fireworks			
7	9.07 a m	115	41 Edison st	A. N. Avilar	Alfred Costa	Dwelling	Wood	Fireworks	500.00	1,000.00	700.00
	11.19 a m	18	1124 Purchase st	L. M. Whitney	Benj Fox	Store	Wood	Fireworks	400.00	833.63	10,000.00
	12.50 p m	Still	Nansett st					Fireworks			
	1.06 p m	Still	Nansett st					Fireworks			
8	1.17 p m	18	1124 Purchase	L. M. Whitney	Benj Fox	Store	Wood	Fireworks			
	1.34 p m	Still	Nash rd					Fireworks			
	1.44 p m	Still	443 Bowditch st					Fireworks			
	3.08 p m	Still						Fireworks			
	7.55 a m	Still	137 Aeush av					Fireworks			
	12.26 p m	Still	Mosher & Crapo	C R Cornell		Boarding house	Wood	Fireworks	35.00	5.00	1,000.00
	1.35 p m	Still	Hawthorn & Reed					Fireworks			
	3.26 p m	Still	Nansett st					Fireworks			
	3.34 p m	3	Pontiac st					Fireworks			

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
9	6:21 p m	3	Raymond st	Mary Couza	Mary Couza	Storehouse	Wood	Burning woods	25.00	50.00		
	6:27 p m	Still	81 Weld st					Burning grass				
	9:50 a m	3	54 Howard av					Burning dump				
	1:13 p m	Still	Bonney & Rivet					Burning brush				
	3:15 p m	3	Phillips rd					Burning accident				
11	4:30 p m	57	74 County st	Jos B Foster	Mrs Ellison	Dwelling	Wood	Burning food	10.00	25.00	3,500.00	
13	10:52 a m	Still	196 Earl st	Cyrille Morin	Daniel Butler	Dwelling	Wood	Burning dump				
	7:32 p m	Still	Mosher & Crapo					Burning dump				
	8:31 p m	Still	Mosher & Crapo					Burning dump				
14	3:35 a m	Still	2161 Acushnet av	J H Paige	Joseph Poirier	Bakery	Wood	Burning grass	300.00	300.00	300.00	350.00
15	8:08 a m	3	E. S. Belleville av	Henry Stevenson		Motor boat		Gasoline fire				
	11:05 a m	227	Fish Island					Burning brush				
	12:01 p m	3	W of Bowditch st					Burning brush				
	2:31 p m	Still	Whitman st					Burning brush				
	2:31 p m	3	Whitman st					Burning brush				
16	7:30 p m	211	198 State st	Bradford Smith		Dwelling	Wood	Lamp accident	10.00	15.00		
	3:02 p m	Still	Thomp. & Briggs					Burning brush				
	3:29 p m	Still	Lafayette st					Burning brush				
	5:54 p m	Still	(1551 Acush. av	Joshua Addy	Roy Ladies Tail Co	Tailor shop	Wood	Burning brush	30.00	250.00	2,000.00	500.00
	3:55 p m	123						Naphtha accident				
17	3:19 a m	Still	(Hazelwood Pk.	City of N Bedford	Mrs Barrett	Store	S & W	Probably fireworks	500.00	5.00		
	3:26 a m	582										
	5:14 a m	Still	Hazelwood Park	City of N Bedford	Mrs. Barrett	Store	S & W	Steam taken for smoke				
21	8:05 a m	57	507 S Second st	F E Medeiros	Gertrude de Souza	Dwelling	Wood	Unusual smoke	6.85	10.00	500.00	500.00
	2:19 p m	39	209 Acushnet av	S Margolis	S Margolis	Dwelling	Wood	Child and match	100.00	25.00	3,500.00	
	4:28 p m	132	197 Belleville rd	B St Germain	Joseph Blouin	Dwelling	Wood	Gasoline accident	25.00	250.00	1,000.00	
22	2:22 p m	35	55-57 Spring st	N B Dry Goods Co	Stand Mo'r Car Co	Garage	Brick		150.00	35.00	1,000.00	750.00
23	1:57 p m	Still	(125 Willis st	Wm G Onley	Chas J Stekewick	Dwelling	Wood					
	2:00 p m	15										
	2:03 p m	213										
25	2:44 p m	Still	721 So Water st	Mrs McKeon		Dwelling	Wood	Burning rubbish				
	1:52 p m	Still	228 State st					Burning fence				
	11:50 p m	Still	Ashland st					Burning fire with petr		15.00		
26	4:36 a m	124	65 Holly st	Peter Kalish		Dwelling	Wood	Child and match				
	1:57 p m	Still	188 Deane st	Samuel Benoit	Storage shed	Dwelling	Wood	Burning meat	109.53		4,000.00	
27	10:15 a m	Still	1614 Acushnet av	A J Query				Burning brush				
	3:07 p m	Still	Shawmut av					Burning brush				
	4:25 p m	Still	Newton & Mill sts					Burning brush				
28	4:30 p m	3	Shawmut av					Burning brush				
	4:03 p m	Still	Rockdale av					Fireworks				
31	8:50 p m	Still	4 Willis st	Mrs Goggin	August Barrows	Dwelling	Wood	Spontan. combustion	200.00	100.00		
	6:26 p m	24	164 North st	Frank Edgar	Frank Edgar	Dwelling	Wood		350.00	250.00		
	8:35 p m	942	80 Wamsutta st	NY, NH & HRR Co	NY, NH & HRR	Coal storage	Wood					

RECORD OF SIGNAL FIRES — AUGUST, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Class of Building	Cause	Damage to Building Contents	Insurance on Building	Insurance on Contents
1	6.04 p m	Still	Popes Island	H O Jones	H O Jones	Wood	Blow torch accident			
	9.57 p m	Still	Central av	A Sylvia	Motor boat Dwelling	Wood	Burning brush	15.00		
3	1.15 p m	3	Acu av north			Wood	Burning food			
4	8.20 a m	Still	330 Cedar Grove	Mrs Goodwin	Dwelling	Wood	Burning brush			
	3.08 p m	3	Mt Pleasant st				Burning dump			
	5.30 p m	Still	Chanery st				Locomotive spark			
5	6.08 p m	Still	Foot of Elm st	N Y N H & H R R Co	Wharf Grocery Dwelling	Wood	Spark from chimney	7.50	1,300.00	800.00
6	10.09 p m	Still	1561 Acushnet av	F Hamel		Wood	Burning dump	5.00		
	2.20 p m	Still	1374 Purchase st	C R Sherman	Bridge	Wood	Spark from chimney			
	7.38 p m	Still	Mosher & Crapo				Burning dump			
8	9.55 a m	Still	Weld st	N Y N H & H R R Co	Dwelling	Wood	Burning dump			
	7.55 p m	Still	Hope & Eugenia			Wood	Back draught			
10	9.50 a m	Still	35 Deane st	A Goulet	Dwelling	Wood	Burning soot			
12	2.41 p m	Still	96 So Sixth st	H E Cushman	Dwelling	Wood	False alarm			
	7.14 p m	122					Fumigating			
15	10.15 a m	Still	171 Bonney st	Manuel Rogers		Wood	Burning brush			
	2.46 p m	3	Sylvan Grove				Burning brush			
	5.03 p m	Still	Mt Pleasant st				Burning brush			
	5.25 p m	Still	Mt Pleasant st				Burning brush			
	6.50 p m	3	Mt Pleasant st				Burning brush			
	7.18 p m	Still	Mt Pleasant st				Burning brush			
16	10.46 p m	46	419 So Water st	Nathan Shuster	Shed	Wood	Burning brush	5.00	1,000.00	1,000.00
	3.12 a m	226	City Pier No 4	N B Fish Co	Stable	Wood	Burning brush	200.00	1,000.00	
	2.08 p m	3	Mt Pleasant st			Wood	Burning brush	2.92	1,000.00	
	2.50 p m	Still	1089 Acushnet av	H Howarth	Lodging house	Wood	Burning brush	25.00		
	3.20 p m	Still	Mt Pleasant st			Wood	Gasoline explosion	10.00	6,000.00	
17	10.06 p m	Still	237 Collette st	J Remillard	Garage	Wood	Burning brush			
	12.17 p m	3	Brooklawn Park				Burning brush			
	1.35 p m	3	Sassaquin				Burning brush			
	1.35 p m	Still	Sassaquin				Burning brush			
	8.24 p m	219	Wood st				Burning brush			
	8.46 p m	3	Sassaquin				Burning brush			
	9.29 p m	3	Sassaquin				Burning brush			
18	12.50 p m	Still	Sassaquin				Burning brush			
	1.35 p m	3	Sassaquin				Burning brush			
19	10.22 p m	561	1025 So Water st	P Genensky	Stores & dwellings	B & W	Burning brush	200.00	7,000.00	7,600.00
	10.20 a m	3								
	4.04 p m	Still	Bowditch & Shaw			Stone	Burning brush			
	9.08 p m	Still	Davis & Bowditch	St Kilians church	Church	Stone	Unusual smoke			

AUGUST — Continued.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building Contents	Insurance on Building	Insurance on Contents
20	11.36 a m	3	Phillips rd					Burning brush			
	12.00 m	Still	Phillips rd					Burning brush			
	1.04 p m	Still	Wood st					Burning brush			
	1.34 p m	3	Phillips rd					Burning brush			
21	5.08 p m	Still	Reed & Hawthorn					Burning dump			
	6.10 p m	Still	Kings Highway					Burning brush			
	10.25 a m	3	Phillips rd					Burning brush			
	11.00 a m	Still	Phillips rd					Burning brush			
22	11.40 a m	Still	Wood st					Burning brush			
	12.44 p m	Still	England st					Burning brush			
	1.14 p m	Still	Bowditch st					Burning brush			
	2.27 p m	Still	Nelson & Crapo					Burning dump			
23	5.40 p m	3	Phillips rd					Burning brush			
	8.05 p m	Still	Haskell st					Burning brush			
	9.30 a m	Still	Wood & Church					Burning brush			
	11.17 a m	Still	N B & F bridge	E L Moriarty				Burning automobile	500.00		
24	12.20 p m	Still	Cove rd					Burning brush			
	12.21 p m	3	Tarkilm Hill rd					Burning brush			
	1.18 p m	Still	Tarkilm Hill rd					Burning brush			
	1.19 p m	3	Wood & Church					Burning brush			
25	3.08 p m	Still	Phillips rd					Burning brush			
	3.15 p m	Still	Phillips rd					Burning brush			
	9.15 a m	Still	118 David st	Mary Clithewe	Chas Banks	Dwelling	Wood	Burning food			
	1.08 p m	3	Phillips rd					Burning brush			
26	10.50 p m	217	Hathaway st	Frank Enos	Frank Enos	Storage shed	Wood		20.00		
27	12.43 a m	26	146 No Front st	Brightman Bros	Brightman Bros	Paint mill	Wood		50.00	1,500.00	
28	3.30 p m	Still	Purchase st	U S R R Co		Electric car	Wood				
	8.32 a m	Still	478 Coggeshall st	F X Grenier	Joseph Galvert	Dwelling	Wood	Electricity			
29	1.37 p m	138	Healy st					Oil stove accident	50.00	10.00	
	11.49 a m	76	Foot of South st	City Mfg Corp	City Mfg Corp	Cotton storage	Brick	Burning grass			
31	7.32 p m	Still	Holly & Belleville					Lightning electric pole	100.00		365,000.00
	13.55 a m	Still	Pond st	N B Ice Co			Brick	No fire			
	2.50 p m	Still	(Foot of Coffin st	N B Gas & Ed L Co	N B Gas & Ed L Co	Gas retort bldg	Brick	Spark from stack	200.00		
30	3.01 p m	361	(

1,365.42 | 95.72 | 383,800.00 | 9,400.00

RECORD OF SIGNAL FIRES — SEPTEMBER, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	2.32 p m	3	Mt Pleasant st									
3	6.16 p m	Still	288 Union st	Mary W Walker	Rose Dextraze	Dwelling	Wood	Camp fire	50.00		2,600.00	
7	11.13 p m	215	100 Holly st	Est. Dextraze	E. G. Bullard	Dwelling	Wood	Lightning	100.00	6.00	3,000.00	600.00
8	11.20 p m	Still	139 Hillman st	Est. Isaiah Ray	Manuel Gracia	Dwelling	Wood	Lightning	50.00			
	5.28 p m	Still	75 Mosher st	Samuel Frates				Burning soot				
	7.42 p m	Still	Pur & Potomska	U S R R Co				Electricity				
9	11.17 p m	Still	66 State st	Ralph Nesbett		Electric car						
11	3.05 a m	27	36 Elm	H. A. Brightman			Wood	Burning soot				
	9.20 a m	Still	751 Purchase st	Jos A Burke	Mrs. Jas. Bennett	Dwelling	Wood	Cigarette	33.33	10.00	1,500.00	1,000.00
13	1.50 p m	Still	Purchase st	CH & H A Law Co	James E. Reed	Photo gallery	Wood	Spark from stove	10.00			
	2.24 p m	Still	N B&Fair Bridge	U S R R Co		Electric car		Electricity				
	5.14 p m	29	60 Park st	Parker Auto Co								
	7.07 p m	Still	Mott st	Geo Keyes				Burning automobile				
14	10.48 a m	Still	Union & Reed sts					Burning soot				
15	9.20 a m	24	57 No Ash	Alice A Miles				Burning brush				
16	10.12 a m	49	97 Grinnell st	Mary A O'Brien	Edward Hunt			Burning dump				
17	12.02 a m	68	No Front st	Taun-N B Cop Co	James Pinta			Burning lounge	10.00	35.00	2,000.00	
	9.20 a m	Still	216 Middle st	F E Clark	Taun-N B Cop Co				7.00		2,000.00	
	3.45 p m	Still	Mt Pleasant st	Bert A Vance				Lamp accident				
18	5.48 p m	3	Out of city					Oil stove accident	300.00		800.00	
22	8.06 p m	Still	304 County st	Mrs. E W Black'l				Burning automobile				
27	7.00 p m	Still	Penniman st		Mrs. E W Black'l			Burning soot	35.00	175.00	3,000.00	
28	9.28 a m	135	202 Belleville av	Simon Portnoy	Simon J. Portnoy			Burning rubbish				
	9.35 a m	Still	81 Walden st	Manuel Mello	F H Winship Jr			Burning rags	57.00		4,000.00	
	12.46 p m	57	525 So Second		Manuel Mello			Burning soot				
29	5.04 p m	Still	Pur & Thompson	U S R R Co	Manuel Mello			Burning rubbish				
								Electricity				
									642.33	956.00	18,900.00	1,600.00

RECORD OF SIGNAL FIRES — OCTOBER, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	6.45 p m	Still	Summer st	U S R R Co	B F Watkins	Electric car	Wood	Electricity	3,683.50	883.50	4,000.00	1,000.00
3	2.19 p m	513	(523-533 Acu av	B F Watkins	John McCull et als	Stable	Wood	Incendary				
	2.29 p m	513	(Pur & Maxfield	John McCullough	Jos A Burke	Stable	Wood					
			(Purchase st	Jos A Burke	Jos A Burke	Skating rink	Wood					
4	11.25 p m	524	232 Cedar st	Est T W Lawrence	Jacob Koster	Grocery	Wood	Careless smoker	150.00	934.02	4,000.00	2,000.00
7	5.09 a m	585	20 Salisbury st	Roch Russell	Roch Russell	Dwelling	Wood	Defective chimney	50.00	16.00		500.00
10	11.54 p m	431	31 Mitchell st	John Beazek	John Beazek	Dwelling	Wood	False alarm	300.00	300.00	2,500.00	1,500.00
	9.42 a m	Still	Roosevelt st									
	11.00 a m	Still	102 Purchase st	Robert Cooke	Wm J Gibbs Jr	Dwelling	Wood	Child and matches		9.00		600.00
11	1.45 p m	Still	717 County st	Jos T Smith	Jos T Smith	Dwelling	Wood	Back draught				
	2.00 p m	Still	198 State st	Bradford Smith		Dwelling	Wood	Sparks from chimney				
12	1.45 a m	46	1070 Purchase st	H P Dion	H P Dion	Bakery	Wood	Cigarette	5.00		4,000.00	1,500.00
						Church	Wood	Candle accident				
14	10.51 p m	585	Ruth st	St Anne's R C Par	St Anne's R C Par	Storage shed	Wood	Sparks from chimney				
16	6.01 p m	Still	Pleasant & Willis	St Joseph's Hos	St Joseph's Hos	Dwelling	Wood	Burning food				
17	11.24 a m	Still	222 County st	Mary Shields	John Nimmo	Dwelling	Wood	Burning pitch	25.00	10.00	4,000.00	
18	8.58 a m	585	103 Ruth st	Noel Henner	Noel Henner	Dwelling	Wood					
22	3.17 a m	214	135 No Front st	Napoleon Nolin	Napoleon Nolin	Dwelling	Wood					
23	9.27 a m	73	238 Rivet st	M Prates	John Vecante	Dwelling	Wood	Automobile	122.66			1,000.00
26	4.23 p m	Still	Shawmut av									
28	10.26 p m	Still	Out of city									
29	11.46 a m	363										
31	3.43 p m	Still	65 William st	N P Hayes	N P Hayes	Store	Brick	Needless alarm				
			295 Hillman st	John R Olfley	Mrs A H Johnson	Dwelling	Wood	Burning soot	100.00	50.00		
								Defective chimney				
	11.50 p m	Still							4,436.16	2,202.52	18,500.00	81,000.00

RECORD OF SIGNAL FIRES — NOVEMBER, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	10.17 p m	Still	57 Morgan st	P J Riley	E H Wheeler	Dwelling	Wood	Defective fireplace	25.00	10.00	2,500.00	2,000.00
4	1.06 p m	Still	N B&F Bridge	John McCullough				Burning automobile	700.00			
5	3.06 p m	Still	Mosher & Crapo					Burning dump				
8	3.13 p m	Still	31 Clinton st	Benj Cummings	Ida M Elliott	Dwelling	Wood	Unusual smoke				
	2.35 p m	Still	145 Pleasant st	W T Moncrieff	Mrs M Scott	Dwelling	Wood					
	4.32 p m	423	23 Holly st	Samuel Horvitz	Joseph Chausse	Dwelling	Wood	Defective chimney	37.00	40.00	1,000.00	500.00
	6.13 p m	423	Potvin ct	M Rosenbaum	M Rosenbaum	Dwelling	Wood	Steam pipe				
9	3.20 p m	Still	1011 County st	John Reagan	Fred Goulet	Dwelling	Wood	Burning food	100.00	25.00	500.00	
	10.29 p m	713	694 So First st	A D McMullen	Stetean Postupalski	Dwelling	Wood					
11	4.04 p m	Still	29 First st	Poisson Bros	Frank Chase	Dwelling	Wood	Burning soot	10.00	20.00	1,200.00	3,800.00
12	10.34 a m	714	1103 So Water st	Mannuel Mello	Wm Morris	Dwelling	Wood	Careless smoker				
13	3.28 p m	Still	Whittemore la	Arthur Desautels	Frank Dias	Dwelling	Wood	Burning grease	50.00	150.00		
	7.33 p m	Still	(Prescott st		Arthur Desautels			Overheated stove				
	7.40 p m	3										
14	2.37 a m	7	97 Grinnell st	Bernard Soares	C Gonsalves	Paint shop	Wood		521.00	600.00	600.00	600.00
15	6.57 p m	71	589 So Water st	Wolf Gleckman	Henry Robinson	Dwelling	Wood		300.00	300.00	2,000.00	500.00
18	2.20 p m	Still	156 Mill st	Jennie Smith	Jennie Smith	Dwelling	Wood					
21	2.55 a m	422	(r 267 Sawyer	S Desautels	Arsene Cyr	Stable	Wood	Burning soot	1,500.00	3,000.00		8,000.00
	3.05 a m	422										
	10.44 a m	Still	235 Maple st	Marion E Gurney	Marion E Gurney	Dwelling	Wood		50.00		2,800.00	
	642											
22	1.30 p m	Still	Rockdale av					Burning brush				
25	7.18 p m	3	Chaffie st	Alphonse Holt	Arthonius Bufford	Dwelling	Wood	Overheated stove	200.00	50.00		
27	8.15 a m	Still	220 Park st	Fred Eldridge	Fred Eldridge	Dwelling	Wood	Burning soot				
	11.05 a m	Still	Nash rd&Hope st					Burning dump				
	12.03 p m	Still	862 Purchase st	Chas E Cook	H Bloomingdale	Store	Wood	Unusual smoke				
30	3.30 p m	Still	168 Shawmut av	C L Kenyon	E G Crapo	Dwelling	Wood	Burning soot				

3,493.00 4,195.00 21,400.00 15,400.00

RECORD OF SIGNAL FIRES — DECEMBER, 1913.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
1	6.06 p m	Still	22 E. Merrimac	Bradford Hathaway	E E Taylor & Co	Dwelling	Wood	Electricity	2.00			
3	5.36 p m	541	North & Second	E E Taylor & Co	R Rafferty	Shoe factory	Wood	Burning soot				
5	11.36 a m	Still	18 So. Second	Chas T Heron		Dwelling	Wood	Burning grass				
7	4.20 p m	Still	Rockdale av					Overheated stove	25.00		2,000.00	500.00
	4.22 p m	83	9 E French av	Fred Jackson	Mrs. Thos Barker	Dwelling	Wood	Burning food				
	5.24 p m	613	117 Court	W R West	Frank Peckham	Dwelling	Wood	Burn. elec. light pole				
8	5.44 p m	614	So. Water & Coffin					False alarm				
	9.42 a m	Still	295 Pleasant	Mrs. Chas. Read	I W Gregory	Dwelling	Wood	Burning soot				
	1.37 p m	Still	Brook av					Burning brush				
	9.20 p m	Still	Out of city									
9	5.24 p m	31										
11	9.52 p m	53	288 Mill	P O Allen	P O Allen	Garage	Cement	False alarm				
13	4.29 p m	Still	Brook av.					Gasoline ignited				
14	9.12 a m	71	(700 So Water	Moses Shuster,	B Endish	Store & dwelling	Wood	Burning brush	359.47	84.50	2,000.00	2,000.00
	9.16 a m	712						Tar on stove				
15	6.00 p m	Still	89 Purchase	Thomas Brierley	Thomas Latham	Dwelling	Wood	Needless alarm	20.00		3,000.00	1,000.00
16	7.45 p m	Still	325 Acushnet av	Furnans Bros	J K Saunders	Dwelling	Wood	Overheated furnace	10.00	5.00		500.00
17	12.36 a m	614	407 So Water	Wm Stern	Antone Britto	Grocery	Wood	Lamp accident	50.00	250.00		
18	12.15 p m	317	Bates av	Thos Waddington	Thos. Waddington	Dwelling	Wood	False alarm	5.00	15.00	2,000.00	1,000.00
19	7.50 a m	Still	Union & Pleasant					Burning tar kettle				
20	2.31 p m	542	1644 Purchase	Geo E Saxon	Geo E Saxon	Dwelling	Wood	Burning soot				
22	6.10 p m	Still	15 High	John B Alves	John B Alves	Dwelling	Wood	Child & match	5.00			
	5.21 p m	324	844 Purchase	Jos D Roberts	H A Razoux	Office	Wood	Burning paraffine			7,200.00	
	5.29 p m	324	(Whitman	E B Gray	Dwell'g in process		Wood	Plasterer's stove	3,000.00			
23	7.20 p m	324										
	3.45 a m	553	650-662 Pleasant	E D Stetson	Stand Motor Car Co	Garage	B & W	Prev. fire rekindled	767.00	3,425.46	4,400.00	7,800.00
24	6.25 p m	Still	Purchase & north	U S R R Co		Electric car		Electricity				
25	9.53 p m	512	634 Acushnet av	Helen M Clynes	Samuel Morrow	Lodging house	Wood	Careless smoker	60.00			
26	5.50 p m	Still	99 Clinton	G A Matthewson	G A Matthewson	Dwelling	Wood	Burning soot				
	3.22 p m	Still	41 Merrimac	Wamsutta Mills	John Pennell	Dwelling	Wood	Burning soot				
27	6.34 p m	Still	1151 Purchase	J Ogden	J. Ogden	Dwelling	Wood	Burning soot				
31	11.20 a m	83	7 Ashley st	Anna Woods	James Howarth	Dwelling	Wood	Stove polish accident	5.00			
	2.43 p m	422	9McDonnell et.	D. Gaudreau	Joseph Gaudreau	Dwelling	Wood					

4,243.47 3,844.96 20,600.00 12,800.00

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 22, 1914.

Received. Ordered printed in the City Documents
and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

January 22, 1914.

Concurred.

CHARLES P. SAWYER,
Clerk.

THIRTY-FIFTH ANNUAL REPORT
OF
THE BOARD OF HEALTH
OF THE
CITY OF NEW BEDFORD

To the City Council for the Year 1913.



NEW BEDFORD, MASS.:
NEW BEDFORD PRINTING CO., PRINTERS
1914

BOARD OF HEALTH.

F. M. KENNEDY, D. D. S., Chairman
L. Z. NORMANDIN, M. D.
HAROLD WINSLOW

Agent and Executive Officer
WM. G. KIRSCHBAUM

Clerk
S. J. SMALL

Medical Inspector
A. N. SENESAC, M. D.

Bacteriologist
A. H. MANDELL, M. D.

Quarantine Officer
J. A. FRASIER, M. D.

School Examiner
H. V. WEAVER, M. D.

Nurse
SARA W. CHASE

Nurse at Parochial Schools
CATHERINE LOWNEY

Inspector of Milk, Provisions and Slaughtering
-H. B. HAMILTON, D. V. S.

Sanitary Inspector
R. N. B. DOANE

Inspectors of Plumbing
L. H. RICHARDSON and WM. DEACON

REPORT

NEW BEDFORD, January 1, 1914.

To the Honorable the Mayor and City Council:

GENTLEMEN — The Board of Health submits its 35th annual report for the year 1913.

During the year there were reported 1,673 deaths; of this number 516 were of children under one year of age. In 1912 the number of deaths of children under one year of age was 552.

SMALL POX.

During the year there have been 29 cases of small pox. The cost to the city of this outbreak was \$12,330.41.

OPHTHALMIA NEONATORUM.

Of 167 cases of "bad eyes" reported, 58 required the services of specialists. In one of these cases the sight of one eye was lost because of the failure of the physician in charge to report to the Board of Health. The physician later paid a fine of \$50 in the police court for his negligence.

MILK SUPPLY.

Conditions at dairies supplying milk to New Bedford are for the most part good. About 20 dealers in milk have required repeated inspections before satisfactory conditions were established.

BAKERIES.

The bakeries are all in much better condition than ever before, but there are yet many improvements to be made.

ISOLATION HOSPITAL.

The Isolation Hospital was open during the year for 13 cases of scarlet fever and three cases of diphtheria. There were no deaths from these cases.

VACCINATION.

During the year there have been 2,637 free vaccinations—1,812 at the Board of Health office and 825 at mills and tenement houses.

MEDICAL SCHOOL INSPECTION.

Medical inspection in the schools has been made as in other years. Next year the Board of Health will attempt some changes designed to increase the efficiency of the inspections.

Early in the year a nurse was employed to visit parochial schools, and results have fully justified her appointment.

EXAMINATION FOR INSANITY.

Under Chapter 394, Acts of 1911, nine persons have been examined as to their sanity. Six of these were committed to the insane asylum.

LICENSED UNDERTAKERS.

There were eighteen licensed undertakers in the city as follows:

Frank L. Rogers,
Henry J. McDonald,
A. P. Lagasse & Son,
Aldege Chausse
Peleg H. Sherman,
W. C. Vaughan, Jr.,
Rodolphe J. Carrier,
Jeremiah F. Sullivan,
Robert G. Bennett,

Henry P. Wilson,
Henry J. Proulx,
Joseph S. Williams,
John E. Moriarty
Charles H. Sullivan,
Wm. A. Payette,
Vital Girard,
*T. J. Murphy,
Edward D. Murphy.

*Died Dec. 11, 1913.

PLUMBING.

During the year there were issued 954 permits for plumbing work of all kinds, 590 being for old buildings and 364 for new structures. The work is classified as follows:

Water closets	1510
Wash tubs	268
Sinks	1388
Wash bowls	970
Bath tubs	930
Wash stands	2
Butler's sinks	10
Ice chests	6
Shower baths	1
Floor drains	53
Soda fountains	10
Traps	12
Conductors	23
Urinals	27
Barns	2

EXPENDITURES.

The following are the expenditures in this department by months for the financial year ending Nov. 30, 1913:

December	\$8,023.07
January	7,139.19
February	7,559.37
March	8,391.94
April	10,163.90
May	12,528.33
June	6,720.80
July	6,903.90
August	7,633.14
September	8,342.86
October	7,944.62
November	6,455.43
Total	<hr/> \$97,806.55

Respectfully submitted,

F. M. KENNEDY, D. D. S.,
L. Z. NORMANDIN, M. D.,
HAROLD WINSLOW,
Board of Health.

AGENT'S REPORT.

January 1, 1914.

To the Board of Health:

GENTLEMEN:—The statistical record of the work performed in this department under my supervision is herewith appended.

During the early part of last year the services of a nurse for the parochial schools were secured. Not only has she made daily visits to the schools in question, but the homes of many pupils have been visited, when instructions have been given the mothers of such pupils as needed attention. Her work is along the line followed by the school nurses employed in the school department. The number of home visits by Miss Catherine Lowney, the nurse thus employed, is 201.

Again I desire to refer to the valuable services rendered by the regular nurse of this department, whose duty it is to visit all cases of tuberculosis treated at the homes of patients, and whose duty it is to visit the homes of the newly born where midwives have officiated. The wisdom of this course is readily shown in the fact that many cases of ophthalmia neonatorum were discovered in its early stages, and in each case specialists have been employed in giving the necessary treatment. The amount expended the past year for the treatment of cases of ophthalmia neonatorum was \$2,575.76. That it is a large sum no one will dispute, but when it is considered that the sight of these children has been saved, this phase of the department's work must be appreciated by everyone interested in the welfare of mankind.

The following table gives the detail of this work. The mother of every new-born child has been mailed a printed circular giving her instructions how to care for her little one during infancy:

	No. of Births	Reported by Midwives	Visits by Nurse	Reports of Oph. Neon.
January	269	68	170	1
February	230	57	126	3
March	242	55	128	5
April	279	59	124	3
May	249	73	128	4
June	290	81	135	2
July	270	70	110	6
August	255	56	126	6
September	304	69	128	7
October	279	76	118	13
November	261	73	107	6
December	310	79	146	6
Totals	3238	816	1546	62

In addition to the regular investigations made by the Medical Inspector, there have been visited 574 cases of contagious diseases, requiring either medical aid or financial assistance, and as in the past, the greater number were cases of pulmonary tuberculosis, which came directly under my attention. In 1913 there were reported 333 cases of tuberculosis, the largest number in the history of the city. This total includes all forms of this disease, and besides 30 cases treated at St. Luke's Hospital, there came directly under the care of this department 196 patients, suffering with the pulmonary type of this malady, who were given treatment as follows: At the New Bedford Sanatorium, 137; at their homes, 59. The last named were directly under the care of the Medical Inspector and the nurse of the Health Board. Twelve were treated in other sanatoria, and in addition 26 were transferred to the State Infirmiry as State cases.

Of the 137 treated at the New Bedford Sanatorium, eight were discharged as arrested cases, 38 improved, 13 unimproved, 25 died, and there were 47 in that institution at the beginning of the year who are being treated at the expense of the city. Six patients admitted during the year remained such a short time that it was impossible to make a study of their condition.

At the present time there are seven children of school age at the local institution, and right here I might add that it would be a blessing if some plan could be devised whereby these children might be able to engage in regular school

studies during a limited number of hours each day. What an opportunity for some charitably inclined person in this city.

The New Bedford Anti-Tuberculosis Society has just erected and will soon equip a new infirmary which will accommodate 16 patients, making the capacity of that institution 68.

The following table gives the nativity of patients treated for pulmonary tuberculosis during the year:

New Bedford	53
United States other than New Bedford . .	46
Canada	28
England	22
Azores	19
Cape de Verde Islands	6
Ireland	4
Germany	4
Scotland	3
Russia	3
Austria	2

And one each Prince Edward's Island, Syria, Finland, Turkey, France and New Brunswick.

A record of the occupations followed by the patients is herewith appended:

Mill operatives	63
Housework	33
Clerks	7
Worker—glass	3
Chauffeur	2
Barber	1
Shoe worker	3
Mill Engineer	1
Bricklayer	3
Sailor	3
Farm hand	1
Tailor	4
School children	22
Laborer	18
Laundress	1
Singer	1
Janitor	1
Collector	1
Salesman	1
Carpenter	1
Painter	3
Machinist	2
Silver worker	1
Waitress	1
Steam fitter	2
Unknown	15
Blacksmith	1

During the year there was expended for the treatment of these patients \$23,140.30, \$20,393.78 of which was for the patients maintained at the New Bedford Sanatorium. In that time under the subsidy act this department received for local cases \$2,472.09, which sum was paid the city treasurer early in the year. In addition, there is due New Bedford under this same act of the legislature the sum of \$6,843.34, which will be paid in a few weeks. Thus it will be seen that the total cost of caring for persons ill with pulmonary tuberculosis the past year has been \$13,824.87, against \$20,000 the year previous.

The demands upon this department for the care of persons suffering with contagious diseases other than tuberculosis were considerable. In the early part of the year an epidemic of small pox prevailed which caused a heavy outlay of money, the expenditure alone in combating this epidemic being \$12,330.41. Sixteen patients were treated at the Isolation Hospital for diphtheria and scarlet fever, and it is gratifying to report that there was not a death at either of the hospitals where the unfortunates were treated.

The following table gives the number of contagious diseases reported, together with the deaths since 1890 :

	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Leprosy	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D
1890 .	33	9	19	0	26	5	2	2	5	5	0	0	0	0
1891 .	42	8	44	4	64	8	0	0	4	4	0	0	0	0
1892 .	63	8	188	2	74	17	0	0	8	8	14	2	0	0
1893 .	26	12	222	8	234	29	125	5	16	8	2	0	0	0
1894 .	38	10	191	19	137	13	165	0	46	2	0	0	0	0
1895 .	119	26	101	5	79	9	19	1	4	4	0	0	0	0
1896 .	64	33	79	3	73	14	12	1	19	10	0	0	0	0
1897 .	143	47	141	13	88	23	586	5	11	1	1	0	0	0
1898 .	78	18	101	4	129	4	11	0	7	7	0	0	0	0
1899 .	87	25	210	11	72	16	37	0	0	0	0	0	0	0
1900 .	25	5	363	14	132	22	369	6	6	6	186	0	0	0
1901 .	49	14	112	10	99	19	79	2	0	0	37	6	0	0
1902 .	99	27	144	31	181	24	70	0	1	1	18	0	1	0
1903 .	130	32	574	148	153	28	420	1	7	7	7	0	0	0
1904 .	73	10	55	0	64	12	41	0	1	1	0	0	0	0
1905 .	178	27	79	2	56	4	180	0	2	2	1	0	0	0
1906 .	176	27	146	3	57	7	243	1	3	3	18	0	0	0
1907 .	128	12	105	0	102	10	89	0	7	3	0	0	0	0
1908 .	91	13	175	10	98	20	483	4	54	5	0	0	0	0
1909 .	79	15	326	7	126	20	210	1	64	8	3	0	1	0
1910 .	96	24	246	5	193	17	697	3	9	3	2	0	0	0
1911 .	81	9	116	0	109	22	123	3	107	13	0	0	0	0
1912 .	125	19	141	0	117	18	481	1	20	1	2	0	2	0
1913 .	154	35	319	1	92	9	1290	12	67	3	29	0	0	0

It will be noticed that during the year 1913 there was an unusually large number of cases of measles with but 12 deaths, and a large number of cases of scarlet fever with but one death. The death rate for these two diseases was low. On the other hand, the deaths from diphtheria were unusually large for the number of cases reported. This is explained by the fact that the children suffering with this disease must have been neglected, for it is apparent that physicians were called just before these children breathed their last, and oftentimes deaths from Diphtheria were reported at the office a few hours before word was received from the physician in attendance. Over one-half of the deaths from this cause were due to this fact.

The expenditure in detail for contagious diseases during the year was as follows :

New Bedford Sanatorium	\$20,393.78
Outside relief (T. B.)	2,746.52

Of the number treated for outside relief, the following amounts were paid to other towns and hospitals :

Dartmouth	\$79.30
Commonwealth of Massachusetts	472.73
Easton	232.34
Cambridge	285.91

Thus it will be seen that the amount expended for outside relief in the city for the treatment of persons suffering with tuberculosis was \$1,676.24, the patients calling for this expenditure being as stated under the care of Medical Inspector Senesac and the department's nurse.

The expenditure for care of other contagious diseases was as follows :

St. Luke's Hospital	\$2,450.98
Isolation Hospital	1,261.18
Ophthalmia Neonatorum	2,575.76
Outside relief	115.95
Total	<u>\$6,403.87</u>

Summary of contagious disease expenditure :

Smallpox	\$12,330.41
Tuberculosis	23,140.30
Other contagious diseases	6,403.87
Total	<u>\$41,874.58</u>

During the year there were 303 inspections of dairy farms. This work was accomplished in company with Dr. H. B. Hamilton, Milk Inspector, while inspecting the various milk rooms which persons holding licenses to distribute milk in New Bedford are required to maintain. It is gratifying to report that with but few exceptions the milk rooms were found to be in excellent condition. These few, however, need continuous supervision in order to have them reach the standard desired by this department. It is also gratifying to report

that there is much less loose milk distributed in this city than a year ago.

The following table is self-explanatory :

	No. of Samples	From Cans	From Bottles	Duplicates	BACTERIAL COUNT	
					Below 50,000 per CC.	Above 200,000 per CC.
January	6	6	0	0	6	0
February	67	24	43	0	64	0
March	6	4	2	2	6	0
April	14	4	10	0	14	0
May	118	30	88	13	90	18
June	130	47	83	35	69	37
July	90	22	68	10	76	9
August	109	15	94	12	85	17
September	59	21	38	1	53	2
October	16	6	10	1	12	2
November	14	7	7	0	14	0
December	4	0	4	0	4	0
Totals	633	186	447	74	493	85

The following is a monthly record of the work performed during the year :

JANUARY.

Contagious diseases investigated	28
Houses placarded	74
Rooms disinfected	225
School rooms disinfected	15
Nuisances abated	48
Garbage complaints	51
Stables located	2
Notices issued	4
Tenements inspected	3
Dirty yards reported	4
Hen yard nuisances	6
Dairy farms inspected	3
Nurse's visits	292
Milk samples taken	6
Notices to mothers mailed	269
Market inspections	20

FEBRUARY.

Contagious diseases investigated	36
Houses placarded	62
Rooms disinfected	227
School rooms disinfected	14
Nuisances abated	55
Garbage complaints	49
Stables located	1
Notices issued	6
Tenements inspected	2
Public lodging houses inspected	2
Dirty yards reported	6
Hen yard nuisances	3
Dairy farms inspected	142
Nurse's visits	221
Milk samples taken	67
Notices to mothers mailed	230
Market inspections	18

MARCH.

Contagious diseases investigated	50
Houses placarded	63
Rooms disinfected	182
School rooms disinfected	27
Nuisances abated	74
Garbage complaints	44
Stables located	3
Notices issued	4
Tenements inspected	5
Public lodging houses inspected	2
Dirty yards reported	5
Dairy farms inspected	20
Nurse's visits	206
Milk samples taken	6
Notices to mothers mailed	242
Market inspections	25

APRIL

Contagious diseases investigated	75
Houses placarded	66
Rooms disinfected	375
School rooms disinfected	15
Nuisances abated	77
Garbage complaints	63
Stables located	6
Notices issued	22
Tenements inspected	6
Public lodging houses inspected	4
Yard inspections	50
Dirty yards reported	16
Hen yard nuisances	6
Dairy farms inspected	10
Nurse's visits	237
School nurse's visits to homes	85
Milk samples taken	14
Notices to mothers mailed	279
Market inspections	214

MAY.

Contagious diseases investigated	84
Houses placarded	37
Rooms disinfected	314
School rooms disinfected	15
Nuisances abated	86
Stables located	3
Piggeries investigated	29
Notices issued	16
Tenements inspected	6
Public lodging houses inspected	5
Yard inspections	44
Dirty yards reported	15
Hen yard nuisances	7
Dairy farms inspected	31
Nurse's visits	236
School nurse's visits to homes	27
Milk samples taken	118
Notices to mothers mailed	249
Market inspections	70

JUNE.

Contagious diseases investigated	92
Houses placarded	21
Rooms disinfected	179
School rooms disinfected	10
Nuisances abated	43
Privy vault nuisances abated	10
Stables located	5
Piggeries investigated	4
Notices issued	9
Tenements inspected	3
Yard inspections	25
Hen yard nuisances	5
Dairy farms inspected	24
Nurse's visits	238
School nurse's visits to homes	20
Milk samples taken	130
Notices to mothers mailed	290
Market inspections	30

JULY.

Contagious diseases investigated	50
Houses placarded	12
Rooms disinfected	2
Privy vault nuisances abated	20
Nuisances abated	48
Garbage complaints	71
Stables located	2
Stable nuisances abated	12
Notices issued	18
Yard inspections	30
Dirty yards reported	14
Dairy farms inspected	24
Inspections of bad milk	10
Nurse's visits	200
Milk samples taken	90
Notices to mothers mailed	270
Market inspections	35

AUGUST.

Contagious diseases investigated	30
Houses placarded	10
Rooms disinfected	107
Privy vault nuisances abated	33
Nuisances abated	20
Garbage complaints	82
Stables located	4
Stable nuisances abated	18
Notices issued	37
Yard inspections	40
Dirty yards reported	4
Dairy farms inspected	16
Nurse's visits	194
Milk samples taken	109
Notices to mothers mailed	255
Market inspections	25

SEPTEMBER.

Contagious diseases investigated	35
Houses placarded	22
Rooms disinfected	124
School rooms disinfected	8
Nuisances abated	30
Privy vault nuisances	8
Garbage complaints	40
Stables located	3
Stable nuisances abated	25
Notices issued	4
Yard inspections	16
Tenement houses inspected	2
Inspection milk peddlers' plants	16
Dairy farms inspected	20
Inspection of bad milk	4
Nurse's visits	199
School nurse's visits to homes	5
Milk samples taken	59
Notices to mothers mailed	304
Market inspections	30

OCTOBER.

Contagious diseases investigated	66
Houses placarded	29
Rooms disinfected	116
School rooms disinfected	5
Nuisances abated	28
Privy vault nuisances	10
Garbage complaints	31
Stables located	7
Stable inspections	88
Yard inspections	24
Tenement houses inspected	6
Notices issued	8
Inspection milk peddlers' plants	12
Dairy farms inspected	8
Nurse's visits	266
School nurse's visits to homes	35
Milk samples taken	16
Notices to mothers mailed	279
Market inspections	35

BOARD OF HEALTH

NOVEMBER.

Contagious diseases investigated	55
Houses placarded	32
Rooms disinfected	185
School rooms disinfected	4
Privy vault nuisances	3
Garbage complaints	28
Stables located	3
Stable inspections	67
Yard inspections	21
Tenement houses inspected	4
Notices issued	12
Inspection milk peddler's plants	9
Dairy farms inspected	5
Nurse's visits	198
School nurse's visits to homes	12
Milk samples taken	14
Notices to mothers mailed	261
Market inspections	32

DECEMBER.

Contagious diseases investigated	48
Houses placarded	48
Rooms disinfected	228
School rooms disinfected	4
Privy vault nuisances	6
Garbage complaints	25
Stables located	5
Stable inspections	48
Bakeries inspected	28
Yard inspections	33
Tenement house inspections	3
Public lodging houses inspected	9
Notices issued	12
Inspection milk peddlers' plants	6
Nurse's visits	234
School nurse's visits to homes	22
Milk samples taken	4
Notices to mothers mailed	310
Market inspections	25

Respectfully submitted,

WILLIAM G. KIRSCHBAUM,

Agent.

MEDICAL INSPECTOR'S REPORT.

JANUARY 1, 1914.

To the Board of Health:

GENTLEMEN :—I herewith submit my annual report as Medical Inspector, and as attending physician to contagious cases cared for by the Board.

Cultures were taken in 138 cases of diphtheria, and 274 cases of scarlet fever were examined for release; examined 33 persons for smallpox, and kept 140 under surveillance who had been exposed to the disease; investigated 92 cases of typhoid fever; vaccinated 284 persons exposed to smallpox; examined 156 cases of tuberculosis, 13 of measles, 11 of varicella, and 5 of anterior poliomyelitis.

During the year I treated for the Board 9 persons suffering with measles, 14 with tuberculosis, 18 with scarlet fever, and 3 with diphtheria; also signed 58 death certificates, there being no physician in attendance at time of death.

Respectfully submitted,

A. N. SENESAC, M. D.,

Medical Inspector.

REPORT OF INSPECTOR OF MILK.

NEW BEDFORD, MASS., Jan. 1, 1914.

To the Board of Health:

GENTLEMEN:—My report as inspector of Milk and Provisions is herewith submitted. During the year I have issued 167 team licenses and 279 store licenses for the sale of milk, and 5 team licenses and 43 store licenses for the sale of oleomargarine, making a total of 494, for which a fee of fifty cents each has been collected and paid to the city treasurer. In 1912 an inspection of the premises of every man who applied for a license to peddle milk in the city was made, and in my report of same I recommended that this inspection be followed up this year in such cases as were deemed necessary. It was so followed up by Agent Kirschbaum and myself, and it demonstrated that there are a number of our milk dealers whose places it is necessary to visit occasionally and unexpectedly in order to keep them in proper condition. So that I would recommend that this inspection of the above places be kept up as far as it is possible this year. The stores where milk is sold have all been inspected before a license to sell has been granted, and when necessary, suggestions made as to the proper care of the milk, so that it may be gotten into the hands of the consumer with the least possible contamination.

As Inspector of Provisions, I have made 559 market inspections during the year, the larger part of which have been made among the lower class markets, where the necessity for such work is most evident.

Respectfully,

H. B. HAMILTON.

REPORT OF INSPECTOR OF SLAUGHTERING.

NEW BEDFORD, Jan. 1, 1914.

To the Board of Health:

GENTLEMEN:—My report as Inspector of Slaughtering for the year 1913 is hereby submitted:

No. Beef Cattle slaughtered	273
No. of Swine slaughtered	508
No. of Calves slaughtered	570
No. of Sheep slaughtered	15

Of the beef cattle, 14 were condemned; of the swine, 2 were condemned; of the calves, 7 were condemned as unfit for food; and of the sheep, none were condemned.

Respectfully submitted,

H. B. HAMILTON,

Inspector.

NURSE'S REPORT.

NEW BEDFORD, Jan. 1, 1914.

To the Board of Health:

GENTLEMEN:—I herewith submit my report for the year ending Dec. 31, 1913. During the year I have made 2,721 calls, 1,546 of which were upon the newly born reported to this department by physicians and midwives; the balance of visits being made upon persons suffering with tuberculosis. In several instances among the last named, the persons afflicted suffered with infected bones, which required frequent dressing and close attention.

Respectfully submitted,

SARA W. CHACE, R. N.

REPORT OF NURSE FOR THE
PAROCHIAL SCHOOLS.

NEW BEDFORD, Jan. 1, 1914.

To the Board of Health:

GENTLEMEN :—I herewith submit my report for the year ending Dec. 31, 1913. Beginning my duties in April, I have made 286 visits to schools and 206 visits to the homes of pupils, besides investigating other cases in connection with this work.

Respectfully submitted,
CATHERINE W. LOWNEY.

REPORT OF BACTERIOLOGIST.

NEW BEDFORD, Jan. 1, 1914.

To the Board of Health:

GENTLEMEN :—I herewith submit my report for the year ending Dec. 31, 1913 :

Diphtheria—	
Whole number of cultures taken	349
Whole number of cultures positive	83
Whole number of cultures negative	264
Whole number of cultures unsatisfactory	2
Whole number of first cultures positive	55
Whole number of first cultures negative	129
Tuberculosis—	
Whole number of specimens examined	217
Whole number of specimens positive	71
Whole number of specimens negative	140
Whole number of specimens unsatisfactory	6
Typhoid Fever—	
Whole number Widal test	11
Whole number positive	4
Whole number negative	7

Respectfully submitted,
A. H. MANDELL, M. D.,
Bacteriologist.

REPORT OF SANITARY INSPECTOR.

NEW BEDFORD, Jan. 1, 1914.

To the Board of Health:

GENTLEMEN :—I herewith submit my report for the year ending Dec. 31, 1913 :

Water supplies shut off causing nuisances	Investigated	2
Bad odors	"	6
Stable inspections	"	203
Overflowing cesspools	"	7
Filthy water closets	"	4
Water in cellars	"	5
Hen yard and pigeon complaints	"	29
Privy vault complaints	"	114
Clogged drains of water closets	"	9
Other clogged drains and broken sink spouts	"	14
Loads of bedding, etc., destroyed		16
Manure piles ordered cleaned up		43
Complaints without cause	Investigated	22
Keeping hens, dogs and rabbits in tenement houses	"	8
Keeping swine without license	"	12
Dirty yards, alleys and cellars	"	70
Standing pools of water	"	3
Bailing water from sand catchers and emptying same in street	"	3
Cutting up dead horse on premises	"	1
Swill tubs uncovered	"	17
Barrels of stable dressing uncovered	"	22
Complaint of poison ivy growing on premises	"	2

Respectfully submitted,

ROBERT N. B. DOANE,
Health Inspector.

PLUMBING INSPECTORS' REPORTS.

NEW BEDFORD, Jan. 1, 1914.

To the Board of Health:

GENTLEMEN :—Following is the work performed by me for the year ending Dec. 31, 1913 :

Inspections, including investigations of nuisances and defective plumbing	1,976
Inspections in Marion	6

Respectfully submitted,

LOUIS H. RICHARDSON,
Inspector of Plumbing.



NEW BEDFORD, Jan. 1, 1914.

To the Board of Health:

GENTLEMEN :—I herewith submit the following as my report for the year ending Dec. 31, 1913 :

Inspections of plumbing	1,897
Investigations of nuisances	43
Tenement houses inspected	9
Inspections in Marion	19

Respectfully submitted,

WILLIAM DEACON,
Inspector of Plumbing.

NEW BEDFORD EXTRACTOR COMPANY'S REPORT.

NEW BEDFORD, Dec. 16, 1913.

To the Board of Health:

GENTLEMEN :—We herewith submit our report for the year ending Nov. 26, 1913 :

Garbage collected (tons)	8,850
Animals received—	
Horses	291
Cows	11
Dogs	270
Pigs	26
Calves	6
Deer	4
Sheep	1
Colts	1
Mules	1
Total	611
35 tons oyster shells received.	

Yours very truly,

NEW BEDFORD EXTRACTOR CO.,
CHARLES K. WHEELWRIGHT, *Manager.*

ROBERT A. TERRY, *Receiver.*

MORTUARY REPORT FOR THE YEAR 1913.

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
I. GENERAL DISEASES.														
1	Typhoid fever		1			1	1	2	2	1	2	1	1	12
6	Measles	2		7		3								12
7	Scarlet fever												1	1
8	Whooping cough					1			1	1		1		4
9	Diphtheria and croup	12	1	5	5	3	3	1				2	3	35
10	Influenza						1							1
14	Dysentery								1					1
18	Erysipelas		2	1	1	1	1							6
20	Purulent infection and septicaemia		2			2	2			1			1	8
24	Tetanus										1			1
28	Tuberculosis of the lungs	11	6	12	8	10	12	5	8	11	10	13	6	112
29	Acute miliary tuberculosis					2								2
30	Tuberculosis meningitis	2	2	2	6	2	1	1	2		5	1		24
31	Abdominal tuberculosis		1	1		3		6		1			2	14
32	Pott's disease	1												1
34	Tuberculosis of other organs					1	1							2
37	Syphilis		1				1							2
39	Cancer and other malignant tumors of the buccal cavity									1				1
40	Cancer and other malignant tumors of the stomach and liver	1	1	5	3	6	2	1	3		3	4	2	31
41	Cancer and other malignant tumors of the peritoneum, intestines and rectum		1		1	2	3	2	1			2		12
42	Cancer and other malignant tumors of the female genitals	2		1		1	2		3	1				10
43	Cancer and other malignant tumors of the breast		2	3		2				2		3	1	13
45	Cancer and other malignant tumors of other organs and organs not specified	4	1	3	1	2		4	2	1				18
50	Diabetes		2	1	1	1	2	1			2	1	2	13
51	Exophthalmic, goitre				2									2
52	Addison's disease										1		1	2
54	Anaemia, chlorosis	2				1		1	1	1	1	1	1	9
55	Other general diseases					1								1
56	Alcoholism, acute or chronic			2		1		2	1		1	1		8
II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.														
60	Encephalitis				1									1
61	Simple meningitis	1	1	4	2			4	3		1	3	1	20
61a	Meningitis, including cerebro-spin- al fever	1		3	3			1	2	1			2	13
62	Locomotor ataxia	1						1	1					3
63	Other diseases of the spinal cord ..	1			1		1	1		4	1			9
64	Cerebral hemorrhage, apoplexy ..	3	6	7	5	10	1	6	6	6	7	6	6	69

MORTUARY REPORT, 1913. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
II.	(Continued).													
65	Softening of the brain.....	.	.	.	.	1	.	.	.	.	.	.	.	1
66	Paralysis without specified cause .	2	1	2	1	.	1	1	.	.	2	1	.	11
69	Epilepsy .....	.	.	1	.	.	.	.	.	.	.	.	.	1
71	Convulsions of infants.....	.	.	.	3	1	.	.	1	.	.	2	.	7
72	Chorea.....	.	.	.	.	1	.	.	.	.	.	.	.	1
III.	DISEASES OF THE CIRCULATORY SYSTEM.													
77	Pericarditis.....	.	1	2	.	.	.	.	.	.	.	.	.	3
78	Acute endocarditis.....	1	3	7	1	1	.	.	2	.	.	3	1	19
79	Organic diseases of the heart.....	20	10	.	10	10	15	8	11	7	14	12	10	133
80	Angina pectoris.....	1	1	.	.	.	.	.	.	1	.	.	2	5
81	Affections of the arteries (atheroma aneurism, etc.).....	7	7	7	5	.	2	9	4	4	4	8	8	65
82	Embolism and thrombosis.....	.	1	1	1	2	.	.	.	.	.	.	1	7
85	Hemorrhage; other diseases of the circulatory system .....	.	.	.	.	.	1	.	.	.	.	.	.	1
IV.	DISEASES OF THE RESPIRATORY SYSTEM.													
87	Diseases of the larynx.....	1	2	.	.	.	.	.	.	.	.	.	.	3
89	Acute bronchitis.....	4	5	12	6	1	.	.	1	1	.	1	3	34
90	Chronic bronchitis.....	.	.	1	.	.	.	.	2	.	2	2	2	9
91	Broncho-pneumonia.....	20	21	18	13	16	8	1	4	7	9	13	19	149
92	Pneumonia	16	9	13	10	13	9	3	1	7	5	6	3	95
93	Pleurisy.....	.	2	.	.	.	3	.	1	.	.	.	.	6
94	Pulmonary congestion, pulmonary apoplexy	1	.	.	1	1	2	.	1	.	1	.	1	8
96	Asthma	2	.	.	.	.	.	.	.	.	.	.	.	2
98	Other diseases of the respiratory system (phthisis excepted).....	.	.	.	1	.	.	1	.	.	.	.	.	2
V.	DISEASES OF THE DIGESTIVE SYSTEM.													
102	Ulcer of the stomach.....	.	.	.	.	.	.	.	.	.	.	1	.	1
103	Other diseases of the stomach (cancer excepted) .....	.	.	2	1	1	1	.	1	.	.	1	.	7
104	Diarrhoea and enteritis (under two years).....	3	9	2	6	7	14	70	60	36	22	8	7	244
105	Diarrhoea and enteritis (two years and over).....	.	.	.	.	.	.	.	.	.	1	.	.	1
108	Appendicitis and typhlitis.....	1	1	.	.	3	1	.	.	.	.	.	3	9
109	Hernias, intestinal obstructions...	1	1	.	1	1	1	2	1	2	.	.	3	13
110	Diseases of the intestines.....	.	.	.	.	1	.	.	.	.	.	.	.	1
113	Cirrhosis of the liver.....	.	1	1	.	4	1	.	.	.	1	2	2	12

MORTUARY REPORT, 1913. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
V.	(Continued).													
113a	Including: Due to alcoholism.....	.	.	1	.	.	.	.	.	.	.	.	.	1
114	Biliary calculi.....	.	1	1	2	.	.	.	.	.	.	1	.	5
115	Other diseases of the liver.....	.	3	.	.	1	1	.	.	.	4	.	.	6
117	Simple peritonitis (non-puerperal).	1	3	2	4	.	1	.	5	2	.	2	2	22
118	Other diseases of the digestive system (cancer and tuberculosis excepted).....	.	.	.	1	.	.	.	.	.	.	1	.	2
VI.	NON-VENERAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.													
119	Acute nephritis.....	1	2	6	1	.	.	1	.	2	.	3	3	19
120	Bright's disease.....	4	2	.	5	1	3	3	2	2	3	3	7	35
122	Other diseases of the kidneys and annexa.....	3	1	2	1	.	1	.	2	3	1	.	1	15
124	Diseases of the bladder.....	.	.	.	1	.	.	.	.	.	.	.	.	1
126	Diseases of the prostate.....	.	.	.	.	1	.	.	.	.	.	.	.	1
128	Uterine hemorrhage (nonpuerperal).....	.	.	.	.	.	.	1	.	.	.	.	.	1
129	Uterine tumors (noncancerous).....	.	.	.	.	.	1	.	.	.	.	1	.	2
130	Other diseases of the uterus.....	.	.	.	1	.	.	.	.	.	.	.	.	1
VII.	THE PUERPERAL STATE.													
135	Puerperal hemorrhage.....	.	.	.	.	.	.	.	.	1	.	.	.	1
137	Puerperal septicaemia.....	1	1	1	.	.	.	1	.	.	.	2	.	6
138	Puerperal albuminuria and convulsions.....	.	.	.	.	.	1	.	1	1	.	1	.	4
VIII.	DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.													
142	Gangrene.....	.	1	.	.	.	1	.	.	2	.	.	.	4
144	Acute abscess.....	.	.	.	.	.	.	1	.	.	.	.	.	1
IX.	DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.													
146	Diseases of the bones (tuberculosis excepted).....	.	.	.	.	1	.	.	.	.	.	1	.	2
X.	MALFORMATIONS.													
150	Congenital malformations (stillbirths not included).....	.	.	1	1	.	.	.	.	.	1	1	.	4

MORTUARY REPORT, 1913. (Continued).

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
XI. DISEASES OF EARLY INFANCY.														
151	Congenital icterus, debility and sclerema.....	5	5	5	8	3	7	8	3	5	8	5	9	71
152	Other diseases peculiar to early infancy.....	4	3	1	6	5	2	4	4	5	3	2	5	44
XII. OLD AGE.														
154	Senility .....	.	.	1	2	.	1	.	3	2	1	.	1	11
XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.														
155	Suicide by poison.....	.	.	.	.	.	.	.	.	.	1	.	1	2
156	Suicide by asphyxia.....	1	3	.	1	.	1	.	1	.	.	1	.	8
159	Suicide by firearms .....	.	.	.	1	.	.	1	.	.	1	.	.	3
160	Suicide by cutting or piercing instruments.....	.	.	.	.	.	1	.	.	.	1	.	.	2
162	Suicide by crushing.....	.	.	.	.	.	.	.	.	.	.	.	1	1
165	Other acute poisonings.....	.	.	.	.	.	.	.	1	.	.	.	.	1
167	Burns (conflagration excepted)....	1	.	.	.	1	.	1	1	2	.	.	2	8
168	Absorption of deleterious gases (conflagration excepted).....	1	1	.	.	1	.	.	.	.	1	1	.	5
169	Accidental drowning .....	.	.	1	.	2	1	.	2	.	.	.	1	7
170	Traumatism by firearms.....	1	.	.	.	.	.	.	.	.	.	.	.	1
172	Traumatism by fall .....	.	.	.	.	1	.	.	1	2	.	.	1	5
175	Traumatism by other crushing (vehicles, railroads, landslides, etc.)	.	.	.	1	.	2	.	.	2	1	.	1	7
183	Homicide by cutting or piercing instruments.....	.	.	.	1	.	.	.	.	.	.	.	.	1
185	Fractures (cause not specified)....	.	.	.	2	.	.	1	1	.	.	.	.	4
186	Other external violence.....	.	.	1	.	.	1	.	.	.	1	.	1	4
XIV. ILL-DEFINED DISEASES.														
187	Ill-defined organic diseases.....	3	.	.	.	.	.	.	.	.	1	.	.	2
188	Sudden death.....	.	.	.	1	.	.	.	.	.	.	1	.	2
189	Cause of death not specified or ill-defined.....	.	1	4	.	6	2	2	.	2	.	3	3	23

Respectfully submitted,

SUSAN J. SMALL, Clerk.

MORTUARY REPORT, 1913.

	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 day.	2	7	1	4	2	3	4	1	4	1	1	1	1	2	1	.	2	4	3	2	3	.	2	4	26	29
1-2 days	.	.	.	.	.	.	.	1	.	.	1	.	2	1	1	1	2	.	2	1	.	1	1	.	9	5
2-3 days	.	.	.	2	.	.	1	.	1	.	1	.	1	.	1	.	1	.	1	.	.	1	1	.	8	3
3 days-1 wk.	.	1	.	1	4	.	2	2	1	2	.	1	1	.	2	.	2	1	.	.	1	2	.	13	10	
1-2 wks.	.	2	.	.	1	1	.	1	.	.	1	1	.	2	.	1	.	1	.	1	1	2	1	5	11	
2-3 wks.	2	2	.	2	.	2	.	2	.	1	1	2	2	1	3	1	.	.	1	1	1	.	.	9	15	
3 wks.-1 mo.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	1	1	.	.	1	1	3	3	
1-2 mos.	4	1	2	4	5	1	1	.	1	.	.	1	1	4	4	2	2	1	4	3	2	1	2	.	28	18
2-3 mos.	1	.	.	3	1	1	2	.	2	1	.	3	3	2	3	2	5	3	1	2	1	2	.	3	19	22
3-6 mos.	4	1	4	2	4	3	4	1	5	3	3	1	9	14	12	11	11	5	5	6	6	6	5	5	72	58
6-9 mos.	2	1	2	.	4	3	7	1	3	4	2	7	9	11	6	5	6	3	4	1	3	4	2	1	50	41
9-12 mos.	3	2	3	4	3	2	4	1	3	1	2	1	5	5	2	8	2	1	1	1	1	.	2	2	31	28
1 yr.	9	4	5	3	4	6	11	8	4	7	1	5	6	9	6	3	5	3	3	6	4	4	6	3	64	61
2 yrs.	4	3	2	2	3	2	4	3	6	1	2	4	.	1	2	3	.	1	.	1	3	2	2	27	24	
3 yrs.	.	4	1	.	2	1	1	1	2	.	.	2	2	.	1	.	3	.	1	1	1	.	3	.	17	9
4 yrs.	.	3	.	1	2	1	.	3	.	.	1	2	.	1	.	.	1	.	.	.	1	.	.	3	13	
5-9 yrs.	1	1	2	.	3	3	1	3	5	1	1	.	1	1	.	2	2	6	1	1	.	.	1	1	18	19
10-14 yrs.	.	.	.	.	2	1	1	1	1	2	1	.	.	2	2	1	.	.	.	1	.	2	.	10	7	
15-19 yrs.	1	.	.	.	2	1	4	2	.	1	3	.	1	1	2	3	3	1	1	2	.	3	1	3	18	17
20-24 yrs.	1	4	.	3	1	4	2	3	5	1	.	3	.	4	2	1	1	3	2	1	1	.	1	18	25	
25-29 yrs.	3	1	3	1	2	2	2	3	2	.	.	3	.	5	1	3	2	2	3	1	2	4	2	3	22	28
30-34 yrs.	2	4	1	4	.	7	1	1	2	2	2	3	2	1	1	.	2	3	2	2	2	3	1	2	18	32
35-39 yrs.	3	1	5	1	5	1	4	.	4	1	3	3	1	3	3	3	1	1	3	1	3	5	.	1	35	21
40-44 yrs.	1	3	2	2	1	4	2	2	5	1	2	5	2	4	.	2	1	2	3	3	3	1	5	4	27	33
45-49 yrs.	4	2	1	2	5	2	2	1	3	4	3	2	1	3	5	.	3	1	1	1	3	3	3	1	34	22
50-54 yrs.	1	3	3	4	6	5	3	.	4	2	5	2	1	2	4	1	1	2	3	5	1	5	5	2	37	33
55-59 yrs.	5	.	4	3	3	3	1	2	4	4	5	2	2	4	3	3	2	2	4	2	2	3	5	1	40	29
60-64 yrs.	3	6	7	1	1	3	4	3	3	4	1	4	1	5	.	3	5	.	3	1	4	3	5	5	37	38
65-69 yrs.	3	3	1	4	1	1	4	3	6	3	8	1	4	4	6	5	1	6	4	4	1	6	6	7	45	47
70-74 yrs.	6	6	7	5	3	3	1	6	3	2	1	3	3	2	1	1	3	2	1	3	4	3	3	.	36	36
75-79 yrs.	4	3	4	4	3	1	2	7	3	4	1	5	2	2	1	1	2	3	2	5	4	4	1	3	29	42
80-84 yrs.	1	4	3	2	3	3	1	1	1	3	1	3	2	3	1	2	3	2	.	4	.	.	1	2	17	29
85-89 yrs.	2	3	.	1	.	2	1	.	1	1	.	2	.	.	2	2	.	1	1	1	.	.	1	2	9	15
90-94 yrs.	.	2	1	.	.	4	.	.	.	.	.	.	.	1	1	.	1	.	1	.	.	.	2	2	11	
95-99 yrs.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	2	
100 +	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Unknown.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	1	
Total deaths by month.	150		129		152		140		141		125		163		154		132		126		125		136		1673	

Total stillbirths for year, 129.

Death rate, 15.93 +

Estimated Population, 105,000.

Respectfully submitted,

S. J. SMALL, Clerk.

INFANT MORTALITY.

YEAR 1913		AGES												
		Total Deaths under 1 year	Under 1 day	1-2 days	2-3 days	3 days-1 week	1-2 weeks	2-3 weeks	3 weeks-1 month	1-2 months	2-3 months	3-6 months	6-9 months	9-12 months
January	35	9	.	.	1	2	4	.	5	1	5	3	5	
February	34	5	.	2	1	.	2	.	6	3	6	2	7	
March	40	5	.	.	4	2	2	.	6	2	7	7	5	
April	35	5	1	1	4	1	2	.	1	2	5	8	5	
May	33	5	.	1	3	.	1	.	1	3	8	7	4	
June	30	2	1	1	1	2	3	.	1	3	4	9	3	
July	76	3	3	1	1	2	3	.	5	5	23	20	10	
August	68	1	2	1	2	1	4	2	6	5	23	11	10	
September	52	6	2	1	2	1	.	1	3	8	16	9	3	
October	40	5	3	1	1	.	1	1	7	3	11	5	2	
November	35	3	1	.	1	2	2	.	3	3	12	7	1	
December	38	6	1	2	2	3	.	2	2	3	10	3	4	
Male	273	26	9	8	13	5	9	3	28	19	72	50	31	
Female	243	29	5	3	10	11	15	3	18	22	58	41	28	
White	504	54	13	11	22	16	24	6	46	40	126	90	56	
Colored	12	1	1	.	1	.	.	.	.	1	4	1	3

CLASSIFICATION NUMBER														
1	Typhoid fever .....	.	.	.	.	.	.	.	.	.	1	.	.
6	Measles .....	.	.	.	.	.	.	.	.	.	1	.	.
8	Whooping cough .....	.	.	.	.	.	1	.	.	.	2	.	.
9	Diphtheria .....	.	.	.	.	.	.	.	.	.	.	.	2
18	Erysipelas .....	.	.	.	.	.	2	.	.	.	.	.	.
20	Pyæmia .....	.	.	.	.	.	.	.	1	.	.	.	.
28	Tuberculosis pul. ....	.	.	.	.	.	.	.	.	.	2	1	.
30	Tubercular meningitis .....	.	.	.	.	.	.	.	1	.	3	1	2
31	Tubercular peritonitis .....	.	.	.	.	.	.	.	.	.	.	1	1
49	Scurvy .....	.	.	.	.	.	.	.	.	1	.	.	.
61	Meningitis .....	.	.	.	.	.	.	.	.	.	1	2	1
61a	Meningitis cer. spinal .....	.	.	.	.	.	.	.	.	.	.	1	1
71	Convulsions infan. ....	.	.	.	2	.	.	.	.	.	.	1	2
74	Other diseases of nervous sys. .	.	.	1	.	.	.	.	.	.	.	.	.
85	Epitaxis .....	.	.	.	.	.	.	.	.	1	.	.	.
87	Laryngismus Stridulus .....	.	.	.	.	.	.	.	.	.	1	.	.
89	Bronchitis .....	.	.	.	.	1	.	2	2	2	4	2	3
91	Broncho pneumonia .....	.	.	.	1	1	3	.	6	6	23	18	19
92	Pneumonia .....	.	.	.	.	2	1	.	4	.	3	9	4
94	Pul. congestion .....	.	.	.	.	.	1	.	.	.	.	.	.
93	Pleurisy .....	.	.	.	.	.	.	.	.	.	.	.	1
104	Diarrhea and enteritis .....	.	.	.	4	4	8	3	23	25	78	46	22
109	Intestinal obstruction .....	.	.	.	.	1	.	1	.	.	.	.	.
120	Kidney disease .....	.	.	.	.	.	.	.	2	.	1	.	.
150	Malformation	2	2	2	4	1	2	.	.	.	.	.	.
151	Infan. debility icterus	34	7	2	4	3	1	.	3	2	5	2	.	
152	Other diseases peculiar to early infancy	16	5	4	4	4	3	2	3	2	3	4	.	
167	Burns .....	.	.	.	.	.	.	.	.	.	.	1	.
189	Cause of death not specified ..	2	.	2	4	.	1	.	1	2	2	2	1	

Respectfully submitted,

S. J. SMALL, Clerk.

CASES OF CONTAGIOUS AND INFECTIOUS DISEASES.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Whole number of cases	197	287	535	446	345	129	76	66	104	107	75	111	2478
Small pox .....	.	.	17	8	1	.	.	.	2	.	1	.	29
Scarlet fever.	39	41	39	30	34	16	7	10	14	21	23	45	319
Diphtheria	36	20	21	15	10	7	5	2	7	6	13	12	154
Measles	71	172	397	339	247	43	7	3	2	4	4	1	1290
Varicella	12	18	14	19	5	11	3	1	.	1	3	5	92
Whooping cough	1	.	4	3	8	6	5	7	10	8	1	14	67
Cer. spinal meningitis.....	1	.	4	2	.	.	1	1	1	.	1	3	14
Infantile paralysis .....	.	.	1	.	1	.	1	1	10	4	1	.	19
Typhoid fever.....	5	7	4	1	2	6	9	13	23	15	3	4	92
Tetanus .....	.	.	.	.	.	.	.	.	.	1	1	.	2
Tuberculosis pul.....	23	20	23	18	29	34	28	20	24	30	17	18	284
“ ankle .....	.	.	.	.	.	1	.	.	.	.	.	.	1
“ bones.....	.	.	.	1	.	.	1	1	.	.	.	.	3
“ cervical adenitis.....	.	.	.	.	.	.	.	.	1	.	.	.	1
“ elbow .....	.	.	.	.	.	1	1	.	.	.	.	.	2
“ epididynitis .....	.	.	.	.	.	.	.	.	1	.	.	.	1
“ glands	4	2	2	3	1	.	1	.	.	.	.	1	14
“ hip	2	1	1	.	2	.	1	.	.	2	.	.	9
“ joints	1	.	.	.	.	.	.	.	.	.	.	.	1
“ knee . ....	.	1	.	1	.	.	.	.	.	.	.	.	2
“ larynx.....	.	1	.	.	.	.	.	.	.	.	.	.	1
“ meningitis.....	.	1	1	.	.	.	1	.	.	4	.	1	8
“ neck .....	.	.	.	.	.	.	.	.	.	.	.	.	.
“ peritonitis.....	.	1	.	1	.	.	.	.	1	.	1	1	5
“ pleurisy . ....	.	.	.	.	.	2	.	.	.	.	.	.	2
“ spine.....	1	.	.	.	.	.	.	1	.	1	1	1	5
“ thumb .....	.	.	.	2	.	.	.	.	.	.	.	.	2
“ intestinal.....	.	.	1	.	.	.	.	.	.	.	.	.	1
Ophthalmia neo....	1	2	6	3	5	2	5	6	8	10	5	5	58

Respectfully submitted,

S. J. SMALL, Clerk.

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CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN.

March 12, 1914.

Received, ordered printed in City Documents and sent down
for concurrence

W. H. B. REMINGTON, *City Clerk*.

IN COMMON COUNCIL.

March 12, 1914.

Concurred.

CHARLES P. SAWYER, *Clerk*.

Annual Report

OF THE

Inspector of Animals

To the City Council

For the Year 1913.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, PRINTERS.
1914.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,
January 8, 1914.

Received. Ordered printed in the City Documents
and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,
January 8, 1914.

Concurred.

CHARLES P. SAWYER,
Clerk.

NEW BEDFORD, MASS.,
Jan. 5, 1914.

To the Honorable the Mayor and Board of Aldermen.

My report as Inspector of Animals for the city of New Bedford for the year 1913 is herewith submitted. A detailed report of the condition of the neat cattle, pigs, sheep and goats is made to the Commissioner of Animal Industry at the time of the annual inspection viz.: — In the month of March. The number of neat cattle as compared with last year is about the same, the number of pigs has fallen off about 15% and the sheep and goats are so very few that a change in their number would have to be for more rather than less as only an occasional one or two are kept as pets by some of the families on the outskirts of the city. The greater number of these animals are well housed and fed. In a few cases it is necessary to make suggestions as to improvement of conditions each year and gradually the owners are learning that the State insists that domestic animals shall be kept in comfortable and healthy quarters.

Hog cholera of a not very virulent type invaded the pigs on the government reservation at Fort Rodman during the late summer and as a result some ten or twelve pigs died, this being about 50% of the whole number on the reservation. Conditions were reported to the Superintendent of Animal Industry and a man was sent down to look over the situation. After removing pigs from infected pens and a thorough disinfection of premises the disease ceased to spread and was finally stamped out. No rabies has been found among the dogs of the city though several cases were found in the town of Lakeville. Last year I reported 21 cases of glanders destroyed, this year I am sorry to have to report a larger number viz: 23 cases, all of which except six, came from separate stables; of the six, four

came from one stable and two from another. The stables are located in various places from Cove street, south, to the head of the river, north, so that no one source could have been the cause of all the trouble. The infected stables have been thoroughly disinfected and white-washed and drinking fountains cleansed frequently and everything possible done to keep the disease from spreading. During the year eight tuberculous cows have been quarantined, condemned, destroyed and paid for by the State from the herds within the city limits, — this of course, without any tuberculin testing. All the stables from which they came have been thoroughly cleansed and the other cattle in the stables examined.

H. B. HAMILTON,

Inspector of Animals.

Annual Report
OF THE
Inspector of Wires
OF THE
CITY OF NEW BEDFORD,
MASS.
For Year 1913



NEW BEDFORD, MASS.
THE J. E. BUDLONG PRESS, PRINTERS
1914

ANNUAL REPORT

Jan. 1, 1914

To his Honor the Mayor and City Council,

SIRS:—

I respectfully submit my second annual report of this department from Nov. 30, 1913 to Nov. 30, 1914.

ELECTRICAL WORK INSTALLED IN CITY BUILDINGS.

These installations have been superintended and inspected by this department.

Pumping Station, Clark's Cove. Intersecting Sewer.
Accepted September 12, 1913.

Katherine Street School. Electric contract on this building not yet completed. Fixtures and wires yet to be installed.

Municipal Building. Sealer of Weights and Measures accepted December 2, 1913. Contract with the Eastern Electric Co., I have not accepted as there remains work installed that does not comply with the specifications and two items of material not furnished.

Almeshouse. Dormitory, accepted November 20, 1913

Brooklawn Park. Shelter House, accepted October 24, 1913.

Ward Rooms. Precincts No. 13, accepted May 9, 1913
Precincts No. 7 and 18, November 4, 1913.

No. 4 Engine House. Bedford and Sixth Streets.
Drew plans and specifications to rewire the entire building, which were given to the Superintendent of Public Buildings to embody in his plans and specifications.

High School, County Street. Electrical contract on this building with the Eastern Electric Co., was completed by the U. S. Fidelity and Guaranty Co. of Baltimore, Md. on June 16, 1913, and accepted Outside service installed and accepted December 11, 1913.

INSPECTION OF INSIDE WIRING.

During the year have inspected 1593 installations making 4111 inspections. Have issued to the N. B. Gas & Ed. Lt. Co. 1297 permits to connect electric service. There are remaining unfinished 310 installations.

OUTSIDE WORK.

In my annual report Jan. 1, 1913 I recommended that a committee be appointed from the Board of Aldermen to investigate the necessity of asking the legislature of Massachusetts to pass an act giving the City of New Bedford the power to cause the pole line companies to put their wire in underground conduits in such sections of the the City as shall be prescribed by the proper city officials. On June 25, 1913, the following order was passed in the Board of Aldermen.

ORDERED.

That a committee of three members of this board be appointed to investigate the desirability of petitioning the legislature for the passage of an act giving the city of New Bedford the power to cause wire using corporations to put their wires in underground conduits in such sections of the city as shall be prescribed by the Board of Aldermen.

In Board of Aldermen, June 25, 1913.

Referred to special committee on Legislature and sent down for concurrence. Committee - Aldermen Lowney and Glennon.

In Common Council, June 26, 1913.

Concurred Committee:- Councilman Kelleher, Hamel and Woodward. Presented and approved by the Mayor June 27, 1913.

A true Copy attest

W. H. B. REMINGTON,

City Clerk.

This committee had two meetings and drafted a bill which will be presented to the City Council at its first meeting in 1914.

During the year I have investigated and reported to the Board of Aldermen on 502 petitions of wire using companies involving 3373 poles, 6000 feet of conduit and 67 manholes.

Petitions of the Automatic Telephone Co. asked for 1500 feet of conduit and 4 manholes.

Petitions of the N. B. Gas & Ed. Lt. Co. asked for 3500 feet of conduit and 60 manholes.

Southern Massachusetts Telephone Co. asked for 1000 feet of conduit and 3 manholes.

Summary of poles as follows:—

	POLES
NEW LOCATIONS	664
JOINT LOCATIONS	1013
Of these 1013 poles there were already installed 924, therefore making 89 additional new poles.	
Attachment of wires of one company to poles owned by another company to	1696
	<u>3373</u>

Making a total of 753 new poles set in streets during year.

I estimate 200 poles abandoned during the year therefore leaving 553 poles added during the year.

Very truly yours,

W. P. BRIGGS,

Inspector of Wires.

The Sixty-Second Annual Report

OF THE

TRUSTEES

OF THE

FREE PUBLIC LIBRARY

OF THE

CITY OF NEW BEDFORD, MASS.

TO THE CITY COUNCIL

FOR THE YEAR 1913.



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, PRINTERS.
1914.

Officers of the Free Public Library

FOR THE YEAR 1914.

Trustees.

Ex-Officio.

Terms expire January, 1915

CHARLES S. ASHLEY, Mayor of the City.
HENRY E. WOODWARD, President of the Common Council.
CLIFTON W. BARTLETT, Chairman of the Committee of the City
Council on Education.

Elected by the City Council.

MATTHEW C. JULIEN,	Term expires April, 1914
JIREH SWIFT, Jr.,	Term expires April, 1914
ALEX. McL. GOODSPEED,	Term expires April, 1915
FRANK A. MILLIKEN,	Term expires April, 1915
FRANCIS M. KENNEDY,	Term expires April, 1916
OTIS SEABURY COOK,	Term expires April, 1916

President of the Board.
THE MAYOR.

Clerk.
ALEX. McL. GOODSPEED.

Committees.

On Library—MESSRS. JULIEN, KENNEDY, AND COOK.
On Finance—MESSRS. SWIFT, KENNEDY, AND GOODSPEED.
On the Building—MESSRS. COOK, JULIEN, AND MILLIKEN.
On Branch Reading Rooms—MESSRS. GOODSPEED, ASHLEY,
AND SWIFT.

Librarian.

GEORGE H. TRIPP.

Chief Assistant and Supt. of Binding and Branches.
CLEMENT L. YAEGER.

Cataloguer.

ANNA M. DeWOLF.

Assistants.

JOSEPHINE A. MERRICK, Accession and Genealogical Room.
EDITH H. COBB, Ingraham Hall.
ANNA W. CLEVELAND, Accession and Ingraham Hall.
GRACE D. SHERMAN, Delivery Desk.
EDITH H. BRODHEAD, Delivery Desk.
MARION BRIGGS, Accession and Delivery Desk.
L. GERTRUDE WILCOX, Genealogical Room and Delivery Desk.
ELIZABETH SMITH, Assistant Genealogical Room.
MARY A. CHASE, Reference Librarian.
JANE E. GARDNER, Art Librarian.
NELLIE F. DOLLARD, Assistant Art Room and Children's room.
JANE E. THUMAN, Children's Librarian.
ETHEL WILCOX, Assistant Children's Room.
MINERVA F. MAXFIELD, Librarian's Secretary and Stenographer.
ARTHUR J. ROGERS, Repairs and Periodicals.

Branches.

North—ELSIE COLLINS, AMANDA DION.
South—JOHN WILKINSON.
West—MARY ELIZABETH BROWN.

Pages.

JOHN R. GORDON, ANTONIO BLANCHETTE,
AUGUST BIBEAU, HARPER WEST,

Janitors.

DENNIS J. MAHONEY, JOHN BURN.

TRUSTEES' REPORT

To the City Council of New Bedford :

The trustees take pleasure in presenting their sixty-second annual report to the City Council.

It seems unnecessary to make a statement in detail of the work that has been accomplished the past year as the elaborate report of the librarian which is presented herewith covers the whole ground and it will well repay a careful examination.

We desire to commend the work of the librarian and his staff during the year and we believe that our department does effective work.

During the year we have received the gift of the Whaleman Statue presented by Hon. William W. Crapo, and have purchased the picture "The Black Sheep," the work of Frank D. Millett, both of which will be a source of much satisfaction to the present as well as future generations of our citizens.

The report of the librarian is presented herewith and made a part hereof.

Respectfully submitted,

BOARD OF TRUSTEES.

ALEXANDER McL. GOODSPEED,
Clerk.

LIBRARIAN'S REPORT

To the Board of Trustees of the Free Public Library :

GENTLEMEN :—The most important item of interest to call to the attention of the Board at this time is the great increase in the collection of books, and the satisfactory increase in their circulation. During the last twelve years the collection has doubled in size, while the circulation has more than trebled, from about 80,000 books to 160,000 on our shelves, while the use of the books outside the Library has increased from about 120,000 to 370,000 in round numbers. These figures do not include the increasing use of books and periodicals in the various reading rooms. In a tabulation of statistics of thirteen cities, namely, Fall River, Jersey City, New Bedford, New Haven, Omaha, Patterson, Scranton, Somerville, Syracuse, Toledo, Trenton, Washington, Worcester, ranging in population from 77,000 up to 330,000, only two cities, Somerville and Worcester, exceed New Bedford in the circulation of books per capita during 1912, and one of these cities, Worcester, leading by only .1, the circulation in New Bedford being 3.5 per capita, while in Worcester it was 3.6. The books circulated last year by our library numbered 367,728, or 23,000 in excess of 1912, and nearly 50,000 more than in 1911. Of course this large increase in the utility of the library is in great measure due to the Kempton Fund, which has been available for library use during the last seven years, the advantages accruing to the use of our new building and the liberal spirit of the Trustees which has encouraged the free use of the library by the abolition of irksome restrictions. This policy has been extended not only to the citizens of New Bedford, but through library loans has given service outside the geographical

limits of the city. More and more this plan of so-called inter-library loans has made available to readers in any part of the country the wealth of books wherever they may be stored. We have borrowed largely from the Boston libraries, especially from the Boston Public Library and from the Library of the Natural History Society. Our requests for books have always been most cordially granted wherever possible, and the response merits the grateful appreciation of this library. In turn, we have been able to lend books and pictures to smaller communities who have made requisitions upon us for such assistance.

EXHIBITIONS.

Through the co-operation of The American Federation of Arts, two loan exhibitions of paintings, one of oils and the other of water colors were held, and attracted a great deal of attention. The members of the New Bedford Art Club were enthusiastic in their appreciation of these exhibitions, giving as they did the opportunity to study closely the work of artists of repute both professional and amateur. Printed lists were circulated, and the collections were made as useful as possible to visitors.

A notable exhibition of lithographs of famous American yachts was shown in the Art Room during August.

PUBLICATIONS.

Various lists and bibliographies have been published during the year, notably one giving a list of Catholic books in the library, prepared by Miss Jane E. Gardner, Librarian of the Art Department.

MUNICIPAL REFERENCE.

As noted in our last report, a step has been taken toward making this library of more service to the Municipal Departments. The following letter was sent to the heads of the various city departments.

March 8, 1913.

Dear Sir :—

It is the plan of the Trustees of the Free Public Library to increase the number of books bearing on municipal topics, and make a department of our library a municipal reference collection. The library already contains a large number of city reports, county reports, legislative documents, etc., also many books bearing on municipal government in all its phases. We also subscribe to over 300 periodicals, many of which are especially devoted to topics of civic interest, namely :—

The American City.

Concrete.

Denver Municipal Facts, now City of Denver.

Municipal Journal.

Providence Board of Trade Journal.

Worcester Magazine.

(Published by Worcester Board of Trade.)

National Municipal Review.

We desire to make the library service of as much practical help as we can to all the departments of the city. We shall be very glad to receive suggestions from the heads of the various departments, naming books which they would like to have put into the library that would be of direct benefit to the work of those departments, and such books will usually be procured and added to the library collection.

We should also be very glad to scan carefully the current books and magazines as they appear, and call your attention, if desired to subjects which may be of interest. Of course this does not oblige you in any way to make use of the material proffered, but it might be of service if such material were brought to your attention.

If you feel at all interested, and would like such service to be rendered, will you kindly fill out and return enclosed postal.

Yours truly,

GEORGE H. TRIPP,

Librarian.

A postal, reading as follows, was also mailed, so that we could determine if the service would be acceptable.

Dept. of.....

GEORGE H. TRIPP, Librarian,
FREE PUBLIC LIBRARY,

Dear Sir :— CITY.

Please notify me of any article in current books or periodicals which may seem to be of interest in the work of this department, especially books and articles on the subject of.....

A gratifying response was made to our proffer of assistance, and as will be mentioned under the head of the Reference Department, many interesting and valuable books and articles in periodicals have been called to the attention of the heads of departments.

WHALEMAN STATUE.

An important event occurred on June 20th when the Whaleman Statue, presented to the city of New Bedford by Hon. William W. Crapo and placed on the grounds of the library, was formally dedicated. The full report of the exercises, with the newspaper comments and the history of the inception of the statue, was printed in a pamphlet issued by the Old Dartmouth Historical Society. This virile bronze figure is a notable addition to the artistic treasures of the city, and evokes favorable comment from all who see it. An illustration of the statue is presented in another part of this report.

WORK OF SPECIAL DEPARTMENTS.

The detailed work of each department I have left for consideration under the headings of each room which specially needs mention. There are, however, certain departments which are doing exceptionally good work

which the public takes as a matter of course, and does not perhaps appreciate in its fullness, as do those who are intimately connected with the special work of those departments. The work in the Catalogue Department is not conspicuous in the eyes of the public, but is of extreme importance, and the work has been uniformly valuable and efficient. The work as carried on by the assistants at the Delivery Desk also deserves emphatic commendation.

INGRAHAM HALL.

As mentioned in our last report, the main reading room serves to attract many readers, but the great majority of the visitors to that room come to seek the newest books which are on open shelves, and there displayed. It is greatly desired that more readers of the more solid books would find it convenient and would avail themselves of the opportunity they are offered, to sit and read from the thousands of books arranged around the walls, which cover all classes of literature. It is the plan to have books in this room representing a well selected library of a few thousand books covering all branches of literature and science. In one corner are several shelves of foreign books, especially Portuguese, Yiddish and Armenian, which are readily accessible to foreign visitors. Large additions of books in foreign languages have been made during the year, especially Portuguese, Greek, and Polish books. There are also books which show easy steps in learning English. While the library should present a wide choice of books in the languages of our foreign readers, yet it is of primary importance that they should be as speedily as possible given opportunities to learn the language of the country in which they have taken up their residence.

The circulation of books from this room has steadily increased, being something like 15,000 more than the previous year.

REFERENCE ROOM.

In this room the usual activities of such a department have been going on quietly and with efficiency through the year. Miss Chase, the assistant in charge of this department, has had special care of the municipal reference work, and has been alert to search for material bearing on civic questions. The following departments have received references on various subjects as listed below.

Assessors:—Taxation.

Cemeteries:—Cemeteries; Layout, Embellishment;
Tree planting, etc.

City Clerk:—Birth statistics; Indexing; Midwives,
regulation of; Mortality statistics;
Loose-leaf systems.

Fire Department:—Fire protection and prevention.

Forestry:—Street trees, their planting and care.

Health Department:—Public health.

Licensing Board:—Liquor traffic, its licensing and
control.

Mayor:—City purchasing.

Milk Inspector:—Milk production and handling.

Poor Department:—Poor; Child labor.

Registry of Deeds:—County reports.

School Department:—School administration and
architecture.

Sealer of Weights and Measures:—Sealing weights.

Street Department:—Highway construction and
preservation; Dust prevention;
Street lighting.

Treasurer:—Banking; Accounting; Taxation;
Finance.

Wire Inspector:—Wire Inspection.

It cannot be too strongly emphasized that the use of the Reference Room is free and open to every citizen of New Bedford, by personal call or by telephone. There is one word of explanation which might be given for the benefit of perhaps impatient searchers for information. A telephone message may come asking questions which manifestly cannot be answered off-hand with absolute accuracy. The library attendant must look up the

subject in reference books which may take one minute, or two hours. If the caller on the telephone does not leave his name and number, the matter is held in abeyance, and sometimes the question is not repeated, so that the information which has been laboriously prepared and is ready for use, is not called for, which is a distinct disadvantage, both to the searcher for information, and the one who has endeavored to satisfy the quest for knowledge. The library staff, in such cases, would try to find the address of the telephone inquirer, but sometimes it is not found, and the answer is not available where needed.

One of the efficient reference books recently added to this room has been the Index issued by the New York Times. Since the news of the country is published in all papers at practically the same time, by means of this index it is possible to fix the date of important events as they have occurred through the year.

To indicate the increasing use of this department, the number of books actually circulated from this room is more than double what it was in 1911.

The Librarian of the reference room desires to express her thanks to the teachers who have complied with her request, and given advanced notice of subjects which were to be specially studied, so that she has been able to prepare for the rush of students who have been eager for information.

ART ROOM.

The Director of the Art Room reports as follows—
“The varied exhibitions, notably those loaned by The American Federation of Arts, have attracted many visitors, who thereby became more familiar with the library’s permanent collection.

Gratifying direct results were noticeable, too, after the special displays of “Gardening Books” and

“Bungalow and House Plans” last spring, while the books on home decoration are perennially in demand.

As is true of all reference work, the greatest value of this department does not appear in statistics, yet the figures of circulation show an increase in home and school-room use of the books and pictures. The collection has been drawn upon by librarians of neighboring cities, by one teacher in Albany, N. Y., and a student in Haverford, Pa.

It is believed that with the addition of open shelves for the books upon another fine art, that of music, the public will be much better served.”

• Table lights are much needed in the Art Rooms.

Pictures have been purchased as follows : —

- 31 Medici Prints.
- 4 Volumes Phostints.
- 2 Photographs.
- 1 Photogravure.
- 489 colored postcards of flowers and fruits.
- 1581 miscellaneous pictures have been mounted
at the library and many more simply
clipped and classified for school-room use.

GENEALOGICAL ROOM.

The number of persons who have used the room during the year has been 2580. An important work which is being carried on to completion is the index to the marriages, births, and deaths from the files of the Mercury, continuing from 1845, which when finished will give a complete record of the vital statistics as reported in the daily press for the last 100 years. The index of local material found in the New Bedford papers is being carried along systematically. Local and historical items wherever found are added to the scrap book which is kept in this room. The genealogical sheets of the Boston Transcript are being preserved and indexed.

55 books have been added to this department, some of the more important being "The Lineage Book of the Daughters of the American Revolution"; "Records of the Massachusetts Militia in the War of 1812-14"; "Narrative of the Robbery of the Nantucket Bank"; "The Old Boston Post Road"; "Historical account of the Rogers Family of Fairhaven, Mass." by Leonard Bolles Ellis; "The Sprague Family of America"; "Armorial Families" by Arthur Charles Fox-Davies; "Colonial Families of the United States of America", v. 3; and various volumes of vital records of Massachusetts towns.

The "Virginia Magazine of History and Biography" has been given to this department by Mr. William H. Waterman.

The collection is constantly in use, especially by out-of-town visitors who have recourse to our shelves for the purpose of tracing their colonial ancestry.

LECTURES.

Lectures have been given with great success during the fall and winter, the plan for the season of 1913 and 1914 arranging for a lecture every week for five months. The experiment has proved so successful that the Trustees voted to ask the School Department for the use of the High School Hall for the lectures, as the capacity of our lecture room was not equal to the demands. Through the courtesy of this department we have used the High School Auditorium. From the first, success was assured, and every lecture held at the High School has been attended by audiences ranging from 800 to 1200, or the capacity of the hall.

A lecture in French was given for the benefit of the French population, and was well attended. A complete list of the lectures with the dates will be found in appendix D.

JUVENILE ROOM.

The Children's Librarian reports as follows : —

“The work of the year has progressed smoothly and has been marked by attempts at organization rather than extension. The Juvenile Room was without precedent in this city until the opening of the new library building in December 1910, and the work of the last three years has been largely experimental.

The children's work is now an established activity of the library system and the next move should be to extend its influence into sections of the city remote from the central building. Some attempts have been made to meet the demand for children's books by placing deposits of juvenile books in the branches, but now the need is for personal attention and supervision. The difference between the number of children who attend the branches and the number of books circulated is large and shows clearly the necessity for an attendant to look after the wants of the younger readers. This situation is particularly imperative at the North Branch. This branch needs a stronger reference department to meet the wants of the grammar schools in that section. Several of the teachers in the north end schools assign to their pupils subjects requiring an amount of investigation which is impossible under the present conditions, since there is no attendant available to help the student. Here is an opportunity for the library to co-operate still further with the schools and to develop the work of the branches.

During the year the library distributed to the pupils of the grammar schools a folder describing the children's room, for the double purpose of awakening the interest of some whose faces were missed and of bringing to the attention of others the attractions of the Juvenile Room. The result was that many new cards were issued, old cards were renewed, and it was found that a

goodly number of children who drew books from the central building at first are now using the branches.

Outside interest in the Juvenile Room continues and the comments of visitors who are often surprised at the scene before them, especially on a winter afternoon after school hours, are most encouraging. The children are orderly and business-like and the necessity for discipline is rare.

The annual exhibit of children's books suitable for Christmas gifts began on December 1, and continued through the holidays. This exhibit is held in the hope that parents and friends will be discouraged from purchasing the countless mediocre books that flood the market and that they may be led to introduce to their children the many excellent books that are often overlooked by those unacquainted with children's literature. These books may be seen at any time during the year and the attendants are always glad to discuss the subject of children's books and to suggest titles for purchase to those interested. A recent writer says: 'Childhood is without question the impressionable period, the time for educating the imagination to normal action, for instilling good habits, for teaching the distinctions between right and wrong, and for laying the foundation of the spiritual life. All-unconscious are the children of this process of imbibing ideas and suggestions to be recalled and used automatically when they come to years of judgment. This storing process cannot be more surely accomplished than by arousing the children's interest in good books.'

We would urge the teachers of the city more strongly than ever to help in the work of the children's room by suggesting titles of books to their students and by requesting lists of books for correlative reading. Evidence of the good work of some teachers is often recognized at the desk, even if the imagination of the

attendants is taxed to resolve 'Horatio's Captain' into 'Captains Courageous,' and 'Betsey on a Farm, or sumpin like that' into 'Rebecca of Sunnybrook Farm.'

The gain in circulation of books in the school-room library collection proves the continued success of that phase of the children's work. The influence of these books is far-reaching, as many of them go into the homes of our foreign population and are read by the whole family. These books are renovated annually and rebound, cleaned, or entirely new copies are sent to replace the soiled and wornout sets."

A model library of new books containing samples of all the books used in the school-room collection is kept intact, and can be seen at any time by those who are interested.

BRANCHES AND OTHER AGENCIES.

The work at the branches has been carried on with satisfactory results, but the growth of the north part of the city makes it imperative that something should be done to provide a service which shall satisfy the demand for an Information Department and attendants who will be able to assist in the choice of books, also specially to provide for the wants of the French speaking people of that section. I shall ask the Trustees to allow the Librarian to re-organize the administration of that branch so that it may be open for longer hours, and furnish help in the special lines that I have indicated.

Besides the usual service to various depository stations, such as the school rooms, the engine houses, etc., books have been deposited at the Telephone Exchange, at Salters' Point Inn, and in various other places where demand seemed to be urgent.

SUGGESTIONS.

In order to concentrate the books of fine arts in the Art Room, it will be necessary to have some extra shelving for that room to accommodate the music section which is growing to large proportions. Undoubtedly a much larger circulation of music books would result if these books were kept on open shelves in the Art Room. I make the suggestion that additional cases be erected at the earliest possible opportunity to comply with this urgent need.

The newspapers of the city have, with their usual courtesy, been very ready to call to the attention of their readers the exhibitions and special library news which the library officials have desired to emphasize.

The Police Department has rendered efficient service, as in previous years, in collecting books from delinquents, and this service is greatly appreciated.

As in past years, the Librarian and his assistants appreciate the help which has always been given by the Trustees in administering the affairs of the library.

Respectfully submitted,

GEORGE H. TRIPP, *Librarian.*

APPENDIX A.

ADDITIONS BY CLASSES IN YEAR 1913.

NEW TITLES

General Works,	24	History,	113
Ethics and Philosophy,	50	Fiction,	363
Religion,	66	French Fiction,	59
Sociology,	195	Hebrew Fiction,	4
Education,	49	Portuguese Fiction,	58
Language,	21	Portuguese Literature	29
Science,	65	Greek Literature (modern)	14
Useful Arts,	156	Italian Fiction	13
Fine Arts,	92	Polish Literature	18
Music,	53	Russian Fiction	4
Amusements and Sports,	36	Books for Children,	123
Literature,	187	Books for the Blind,	9
Description and Travel,	147	Periodicals, Government	
Individual Biography,	54	Documents, etc.	801
Collective Biography and			
Genealogy,	48		
			<hr/> 2851

APPENDIX B.

CIRCULATION.

Main Collection, Adult.	No. of Books.	Percent of Whole
Classification.		
Miscellaneous, and periodicals,	11,249	6.92
Philosophy,	1,003	.61
Religion,	1,293	.79
Sociology,	2,742	1.68
Language,	812	.49
Science,	2,093	1.28
Useful Arts,	4,737	2.91
Fine Arts,	4,461	2.74
Foreign Fiction,	4,671	2.87
English literature,	4,081	2.51
Foreign literature,	1,083	.66
Biography,	2,712	1.66
History,	2,555	1.57
Travel and description,	3,550	2.18
English fiction,	115,364	71.03
	<hr/> 162,406	

Juvenile Room,

Classification.

Miscellaneous, and periodicals	1,148	2.46
Philosophy,	105	.22
Religion,	283	.60
Sociology,	4,005	8.60
Folk lore,	6,400	13.74
Science,	612	1.31
Useful Arts,	630	1.35
Fine arts,	919	1.97
Literature,	750	1.61
Biography,	730	1.56
History,	1,956	4.20
Travel and description,	864	1.85
Fiction,	28,147	60.46
	<hr/> 46,549	
Branches,	47,543	
Schools,	109,551	
Miscellaneous,	1,679	
	<hr/> 367,728	
Total circulation,		
Pictures loaned:		
Art photographs,	1077	
Prints,	202	
Post Card Albums,	14	
Prints (color)	14,462	
Architecture.	93	
Sculpture,	22	
Stereographs	52,250	
Miscellaneous,	6,048	
	<hr/> 74,168	

APPENDIX C.

GENERAL STATISTICS FOR 1913

Books Added.

Volumes purchased, Main Collection,	3,966	
Volumes purchased, Juvenile Room,	1,027	
Volumes purchased, School Collection,	1,810	
Volumes added by gift,	869	
	<hr/> 7,672	

Pamphlets Added.

Pamphlets purchased,	72	
Pamphlets added by gift (not including advance		
Government pamphlets,	3,080	
	<hr/> 3,152	

Other Additions.

Photographs, prints, and process pictures, purchased,	34	
Photographs, etc., gifts,	4	38
Postcards, photint,	160	
Flowers and fruits, colored,	489	649
Atlas folios, maps, charts, blue prints		66
Volumes worn out and withdrawn*		
Main Collection,	668	
Juvenile Room,	761	
School Collection,	1,003	2,432

* 91 on account of being exposed to contagious diseases.

Volumes replaced:		
Main Collection,	177	
Juvenile Room,	642	
School Collection,	1,003	1,822

Net addition to the Library in volumes, 7,062

Total number of volumes in the Library:	
January 1, 1913,	152,108
January 1, 1914,	159,170

Volumes bound, including periodicals and books rebound:		
Main Collection,	2,600	
Juvenile Room,	866	
School Collection,	2,267	5,733

Periodicals in Reading Room,	359
Newspapers in Reading Room,	51

New cards issued:		
General delivery desk, including		
Through North Branch,	264	
Through South Branch,	365	
Through West Branch,	261	2,418
Juvenile Room,		1,343
		3,761

Books drawn for home use, Central Library, Main Collection,	
Including, Ingraham Hall	75,090
Reference Room	7271
Art Room	3559
Genealogical Room	382 + 64
Through Branches	423
Books circulated from Juvenile Room,	162,406
Books circulated from school collection,	46,549
Books circulated directly from Branch Reading Rooms,	109,551
Books sent to Sunday Schools,	47,543
Books sent to engine houses,	861
Books sent to other agencies and inter-library loans,	662
	156
Total circulation of Books	367,728

Pictures circulated from Art Room :

Pictures, Art Photographs, Prints, Post Card
Albums, Color Prints, Architecture, etc. 21,882

Pictures circulated from Juvenile Room :

Stereographs	52,250		
Pictures	36	52,286	74,168

Notices sent out for overdue books:

Main Library—Postal cards, 3,798; letters, 151	3,949	
Juvenile Room—Postal cards, 786; letters, 34	820	
Branches—Postal cards, 563; letters, 31	594	5,363

BRANCH READING ROOMS IN DETAIL.

NORTH.

Attendance, adult, 12,890; Sundays, 1,236	14,126	
Attendance, children 15,755; Sundays, 2,599	18,354	
		32,480
Books circulated,—adult 15,025;		
Juvenile (Since May) 3,208; Central 178		18,411
Periodicals in Reading Room,		26
Newspapers in Reading Room,		19

SOUTH

Attendance, adult, 8,161; Sundays, 910	9,071	
Attendance, children, 22,126; Sundays, 3,594	25,720	
		34,791
Books circulated,—adult 9,461;		
Juvenile (Since May) 3,965; Central 205		13,631
Periodicals in Reading Room,		25
Newspapers in Reading Room.		16

WEST.

Attendance, adult, 7,847; Sundays, 232	8,079	
Attendance, children, 10,539; Sundays, 2,033	12,572	
		20,651
Books circulated,—Adult 14,387		
Juvenile (Since May) 1,497; Central 40		15,924
Periodicals in Reading Room,		26
Newspapers in Reading Room,		9

APPENDIX D.

LECTURES AND EXHIBITIONS, 1913.

- Jan. 1, Dutch Artists, "Medici."
 Jan. 20, French Lithographs, "Rivière"
 Feb. 10, Loan collection of paintings from the Fellowship of the
 Academy of Fine Arts, Phil. (American Federation
 of Arts.)
 Feb. 28, Rembrandt.
 Apr. 1-10, Bungalow and House Plans.
 Apr. 4, New Medici Prints.
 Apr. 11-19, Greek Architecture and Sculpture. (requested)
 Apr. 23, Gardening Books.
 Apr. 26, French Lithographs for Fall River Class.
 May 9, American Water Color Society. 118 Pictures.
 May 31, Medici—Italian Portraits.
 July 1, Medici—Reynolds.
 Aug. Famous Old Yachts.
 Sept. 10, French Lithographs—Rivière.
 Nov. 6, Medici—(New)
 Dec. 2, Madonnas (Medici)
 Dec. 17, Medici—84 prints in Rotunda.
 Dec. 29, Water Color Club of Philadelphia.

LECTURE ROOM.

- Jan 1, Poultry Association.
 Jan. 6, H. A. Reynolds, "Forestry."
 Jan. 7, Prof. C. U. Clark, "Spain, with Roman and Moor in
 Andalusia."
 Jan. 12, Prof. George H. Monks of Harvard, "Development of
 Modern Surgery."
 Jan. 13, New Bedford Medical Society. Dr. A. R. McAusland of
 Boston, "Recent Advances in Treatment of Fractures."
 Jan. 14, W. L. Sayer "On the Great Lakes—A Steamship Journey
 from Buffalo to Duluth."
 Jan. 16, New Bedford Civic Club—Chas. R. Allen and Wesley A.
 O'Leary.
 Jan. 20, Alfred MacDonald "Forestry".
 Jan. 21, C. W. Furlong, "Fertile Argentina and its Vast Patagonian
 Pampas."
 Jan. 22, Poultry Association.
 Jan. 27, New Bedford Medical Society. Dr. P. H. O'Connor on
 Arteriosclerosis.
 Jan. 28, Agnes Repplier—"Woman and Humor."
 Feb. 4, Frederic Poole—"Ancient China."
 Feb. 10, New Bedford Medical Society. Dr. G. deN. Hough,
 "Present Day Methods of Operating"
 Feb. 10, Horticultural Society.
 Feb. 16, Dr. J. L. Morse—"Infant Feeding."
 Feb. 17, Missionary meeting in Pedagogical Room.
 Feb. 18, Rev. S. C. Bushnell "Monitor and Merrimac."
 Feb. 20, Civic Club—W. F. Williams on "Intercepting Sewers."
 Feb. 24, New Bedford Medical Society. Dr. E. P. Seaver, "Hand
 Infections."

- Feb. 25, Prof. H. A. Smith, "Kayaks and Dayans of Sarawak, Borneo."
- Feb. 26, Poultry Association—Dr. S. H. Perry.
- Mar. 11, Rev. M. C. Julien, "Impressions of Modern Provence."
- Mar. 12, Poultry Association.
- Mar. 19, Rod and Reel Club.
- Mar. 21, Roy C. Andrews. "Corea."
- Mar. 24, New Bedford Medical Society, Dr. H. D. Prescott—"Diseases of the Rectum."
- Mar. 26, Poultry Association.
- Mar. 30, Dr. Milton J. Rosenau—"Prevention of Disease."
- Apr. 7, New Bedford Horticultural Society, C. W. Young, "Tree Planting."
- Apr. 9, Rod and Reel Club, Dr. G. W. Field of Fish and Game Commission.
- Apr. 14, Technology Club.
- Apr. 14, New Bedford Medical Society, Dr. W. A. Neild, "Hyperthyroidism."
- Apr. 14, Forestry Association.
- Apr. 14, College Club.
- Apr. 26, Art Lecture, Mrs. Ada W. Tillinghast.
- Apr. 27, Dr. Cannon, "Digestion."
- Apr. 28, New Bedford Medical Society, Dr. H. T. Healy, "Rheumatoid Arthritis."
- May 8, Bristol County Medical Association.
- May 12, New Bedford Medical Society, Dr. C. A. Cheever, "Etiology and significance of certain abnormal positions and fixations of the viscera."
- May 12, Forestry Meeting.
- May 14, Rod and Reel Club.
- May 26, New Bedford Medical Society, Dr. J. G. Hathaway, "Treatment of Diabetes."
- June 10, College Club.
- June 11, Civic Club.
- June 11, Rod and Reel Club.
- June 17, Peony Show.
- June 24, Rose Show.
- June 25, Woman's Club—Board.
- July 14, Forestry Association, J. H. Rich, "Forestry."
- Sept. 10, Rod and Reel Club.
- Sept. 19, Horticultural Society.
- Sept. 20, Dahlia Show.
- Oct. 8, Rod and Reel Club.
- Oct. 9, Rev. W. W. Sleeper, "Echoes from the Balkans."
- Oct. 13, New Bedford Medical Society.
- Oct. 16, Seumas McManus, "A Merry Ramble 'Round Ireland."
- Oct. 22, Poultry Association.
- Oct. 23, E. L. Ovington, "Personal Reminiscences of a Bird Man."
- Oct. 27, New Bedford Medical Society.
- Oct. 28, Anti-Suffrage.
- Oct. 30, W. K. Moorehead, "Lewis and Clarke Expedition."
- Nov. 3, Horticultural Society.
- Nov. 4, Chrysanthemum Show.
- Nov. 6, F. H. Palmer, "Hawaiian Islands; past and present."

- Nov. 10, New Bedford Medical Society, Dr. L. Nietsch, "Present Day Surgery and Gynecology in Germany, and recent advances in principles and technique."
 Nov. 13, Chas. E. Fay, "Mountaineering in a new Switzerland, the Canadian Rockies."
 Nov. 19, Rod and Reel Club, Illustrated lecture by Edwin King.
 Nov. 20, Edmund H. Garrett, "Baronial Halls and Mansions."
 Nov. 24, New Bedford Medical Society.
 Nov. 27, Ren  B. Welbourn, "In the Year 2000."
 Dec. 4, Leon H. Vincent "The Wessex Novels, Thomas Hardy."
 Dec. 5, Teachers.
 Dec. 5, Massachusetts Agricultural Society.
 Dec. 8, New Bedford Medical Society. Dr. W. H. Waters, B. U. "Therapeutic uses of Antityphoid Vaccine."
 Dec. 8, Peace Society.
 Dec. 10, Stamp Collectors' meeting in Patent Office Room.
 Dec. 11, Astronomers' Club, Senator Ross.
 Dec. 11, Leslie C. Wells, "Political, social and educational evolutions in Mexico."
 Dec. 15, Peace Society.
 Dec. 18, Nat M. Brigham, "Our National Parks."
 Dec. 22, New Bedford Medical Society, Dr. F. B. Grinnell on "The Pneumonia Problem."

APPENDIX E.

BOUND VOLUMES OF MAGAZINES NEEDED TO COMPLETE SETS.

(The Library would be glad to receive by gift or purchase any of the volumes mentioned below.)

- Academy. Vols. 1, 2, 4.
 American Architect and Building News. International Edition. Vols. 49, 51-78.
 American Church Review. Vol. 26.
 American Friend. Vol. 4.
 American Journal of Psychology. Vols. 1-18 +
 American Methodist Magazine. Vols. 10, 15, 21, 22.
 American Statistical Association Publications. Vols. 1-5.
 Argosy. (London.) Vols. 5-8, 59-62.
 Art Amateur.
 Art et Decoration. Vols. 1-12, 16.
 Art Journal. Vols. 45, 48. (1893, 1896.)
 Belgravia. Vols. 11-29, 35, 37, 42-48, 73-78, 86-88, 99.
 Bentley's Miscellany. Vols. 1, 2, 4, 5, 7-64.
 Bird Lore. Vols. 1-4.
 Brush and Pencil. Vols. 1, 2.
 Canadian Magazine. Vols. 1-21. (1893—)
 Charities. Parts of Vols. 1-5.
 Charities Review. Vols. 1-5.
 Christian Observer. Vols. 4-9, 21, 27-77.

- Citizen. Vols. 3, 4.
 (Colburn's) New Monthly Magazine. Vols. 148-171.
 Cosmopolitan. Vol. 1.
 Critic. Vols. 1-11. Being 1-3 old ser. and 1-8 new ser.
 Democratic Review. Vols. 4, 32-42.
 Deutsche Rundschau. Vols. 19, No. 2; 21, No. 3; 26, No. 1; 28, No. 1; 34, No. 1.
 Dial. (Chic.) Vol. 3.
 Donahoe's Magazine. Vols. 37-39.
 Dublin Review. Vols. 1-119 and Oct., 1899. Title and index to Vols. 125, 127.
 Dublin University Magazine. Vols. 53-78, 88.
 Eclectic Magazine. Vol. 144.
 Economic Review. Vols. 8-17 +
 Education. Vols. 1-12.
 Every Saturday. Vol. 11.
 Fraser's Magazine. Vols. 1-25, 40, 42, 45.
 Friend. Vols. 1-9, 11, 16, 24, 25, 37.
 Friends' Quarterly Examiner. Vols. 2, 14, 22.
 Galaxy. Vol. 25.
 Garden. Pt. of 49 and Aug. 26, '05.
 Godey's Lady's Book. Vols. 47-49, 92, 93.
 Graphic. Vols. 52-54.
 Harper's Young People.
 Hints. Vols. 1-6. /
 Historical Magazine. Irving number extra of Vol. 3; Vol. 8; title and index to Vol. 20; pt. of Vol. 23.
 Hogg's Instructor. II. Vols. 1-9. (1848-1853.)
 House Beautiful. Vols. 1-5.
 Independent. Vols. 50, 51.
 Journal of Education. Vol. 18.
 Keramic Studio. Vols. 1-6.
 Kindergarten Magazine. Vols. 1-7.
 Ladies' Home Journal. Vols. 1-6.
 Library Index.
 Life. Vols. 30, 35, 36.
 Literature. (Lond.) Vols. 4-9.
 Magazine of Western History. Vols. 12-14.
 Missionary Review of the World. Vols. 1-11, 19, 22, 24, 27, 29.
 Modern Language Notes. Vols. 13-17.
 Municipal Affairs. Vol. 5, No. 2.
 National Geographic Magazine. Vols. 1-10.
 National Quarterly Review. Vols. 1-34, 37 (pts. of), 39 (pts. of), 40, 41.
 National Review. Vols. 14-19 (1855-64.)
 New Bedford Mercury. Aug. 14 and Oct. 9, 1807; July-December, 1837; January-June, 1866; January-June, 1869; January-June, 1876; June 28, 1884, and July-September, 1897.
 New England Magazine. (Bost.) Vols. 8, 9. (1835.)
 New World. Vols. 1-4.
 Overland Monthly. Vol. 3 (July - Dec. 1869).
 Pall Mall Magazine. Vol. 28.
 Philadelphia Photographer. Wilson. Vols. 1-4. (—1871.)
 Photo Era. Vols. 3, 4.
 Poet-Lore. Vols. 1-7, 10-18.
 Popular Mechanics. Vols. 1-5, 7-9.

Portfolio. (Dennie's.) Vols. 23-34.
 Practical Magazine. Vols. 3-7.
 Proceedings of the Academy of Natural Sciences of Philadelphia 1888.
 Quarterly Review. The following Index Vols., 100, 121, 140, 160, 181.
 Revue des Deux Mondes. Vols. for 1898, 1899, 1903.
 Rudder. Vols. 1-6.
 Science. Vols. 10-23. (1887-1894), N. S. Vols. 1-4.
 School Arts Book. Vols. 1-5.
 Social Economist. Vol. 1.
 Southern Quarterly Review. I. Vols. 1-16. (1842-1850.)
 Spectator. Vols. 1-44.
 Sunday Magazine. II. Vols. 11-24, 29-31.
 Sunset. Vol. 10.
 Textile Record of America. Vols. 1, 2.
 Writer. Vols. 11, 12 +
 Youth's Companion.

APPENDIX F.

Receipts and Expenditures, 1913.

CITY APPROPRIATION.

Appropriation,		\$25,000.00
Salaries,	\$13,915.35	
Wages,	7,570.58	
Lighting,	446.02	
Printing,	663.45	
Supplies,	930.66	
Repairs and labor,	619.61	
Telephone,	53.23	
Express and freight,	197.34	
Furniture,	111.00	
Incidentals,	403.06	
Periodicals,	1.43	
Water rates and installation,	83.68	
	<hr/>	
	\$24,995.41	
Balance,	4.59 + 3 refunds	
	7.59	
	<hr/>	
		\$25,000.00

DOG FUND.

Balance,		\$3,383.82
Income,		2,362.61
		<hr/>
		\$5,746.43
Salaries	2,705.56	
Wages	1,219.93	
Express	29.95	
Heating branches	638.77	
Catalogue Cards	42.30	
Repairs and labor	247.23	
Incidentals	107.75	
Light	92.43	
Telephone	6.99	
Furniture	25.00	
Typewriter	47.50	
Printing	93.49	
Supplies	67.67	
	<hr/>	
	\$ 5,324.57	
Balance	421.86	
	<hr/>	
		\$5,746.43

SYLVIA ANN HOWLAND FUND.

Balance,		\$1,072.00
Income,		3,000.00
		<hr/>
		\$4,072.00
Lectures,	\$ 975.55	
Binding,	162.28	
Periodicals,	262.38	
Books,	1,131.31	
Pictures,	.50	
Map,	2.00	
Incidentals,	20.30	
	<hr/>	
	\$2,554.32	
Balance,	1,517.68	
	<hr/>	
		\$4,072.00

CHARLES W. MORGAN FUND.

Balance,		\$ 30.00
Income,		60.00
		<hr/>
		\$ 90.00
No expenditures	.....
Balance,	90.00	
	<hr/>	
		\$ 90.00

KEMPTON FUND.

Balance,		\$6,410.71
Income,		<u>\$10,770.00</u>
		\$17,180.71
Books,	\$ 6,716.80	
Periodicals,	1,427.41	
Pictures, and work on	3,399.01	
Binding,	2,272.58	
Printing,	106.00	
Incidentals,	50.30	
	<u>\$13,972.10</u>	
Balance,	3,208.61	
	<u></u>	\$17,180.71

CHARLES L. WOOD FUND.

Balance,		\$ 59.45
Income,		<u>80.00</u>
		\$139.45
Books,	\$ 74.26	
Balance,	65.19	
	<u></u>	\$139.45

JAMES B. CONGDON FUND.

Balance,		\$30.83
Income,		<u>30.00</u>
		\$60.83
No expenditures	.....
Balance,		\$60.83

OLIVER CROCKER FUND.

Balance,		\$67.00
Income,		<u>60.00</u>
		\$127.00
No expenditures	.....
Balance,		\$127.00

GEORGE O. CROCKER FUND.

Balance,		\$325.68
Income,		<u>400.00</u>
		\$725.68
No expenditures	.....
Balance,		\$725.68

GEORGE HOWLAND, JR., FUND.

Balance,		\$ 78.07
Income,		96.00
		<hr/>
		\$174.07
Books,	\$ 91.80	
Balance,	82.27	
	<hr/>	
		\$174.07

TOTAL EXPENDITURES.

Salaries,	\$16,620.91
Wages,	8,790.51
Books,	8,014.17
Periodicals,	1,691.22
Binding,	2,434.86
Pictures, and work on,	3,399.51
Furniture,	136.00
Lighting,	538.45
Supplies,	998.33
Repairs and Labor,	866.84
Telephone,	60.22
Printing,	862.94
Incidentals (including transportation of books)	581.41
Express and freight,	227.29
Water rates,	83.68
Lectures,	975.55
Heating	638.77
Catalogue Cards	42.30
Typewriter	47.50
Map	2.00
	<hr/>
Total,	\$47,012.46

FINES ACCOUNT.

Balance Dec. 2, 1912,	\$97.47	
Receipts from fines,	779.63	\$877.10
	<hr/>	
Paid City Treasurer,		\$779.30
		<hr/>
Balance Dec. 1, 1913,		\$97.80

APPENDIX G.

Gifts.

List of Donors—1913.

	Vols.	Pphs.
Acushnet, Mass., Town of.....	1	
Adams, Charles Francis, Boston.....	1	
Adams, I. William, Cold Spring, N. Y.....	1	
American Antiquarian Society, Worcester.....	1	
American Association for International Conciliation, New York, N. Y.....	1	19
American Association of Workers for the Blind.....		1
American City Bureau, New York.....		1
American Congregational Association, Boston.....		1
American Federation for Sex Hygiene, New York, N. Y.....		1
American Institute of Architects, Washington, D. C.....		2
American -Irish Historical Society, New York, N. Y.....	1	
American Iron and Steel Institute, New York, N. Y.....	1	1
American National Red Cross, Washington, D. C.....		1
American Peace Society, Washington, D. C.....		1
American Proportional Representation League, Toronto Can..		1
American Telephone and Telegraph Co., New York, N. Y....		1
Amherst College, Amherst.....		2
Ancient and Honorable Artillery Company of Massachusetts, Boston.....		1
Anderson, Rev. Asher, Boston.....	8	
Andover Theological Seminary, Cambridge,		1
Associated Metal Lath Manufacturers, Youngstown, O.....		1
Associated Banks, Trust Companies, and Bankers of Boston..	1	
Association of Life Insurance Presidents, New York, N. Y....		2
Aikinson, Mentzer & Company, Boston.....	6	
Atlantic Terra Cotta Company, New York, N.Y.....		1
Attleborough, Mass., Town of.....		1
Balch, T. W., Philadelphia, Pa.....	1	
Bangor and Aroostook Railroad, Bangor, Me.....		1
Barney, Charles W., New Bedford	2	Periodicals
Barney, Everett Hosmer, Springfield.....	1	
Barnstable County, Mass.....		6
Bates College, Lewiston, Me.....		4
Baylor University, Waco, Texas.....		4
Benziger Brothers, Pub., New York, N. Y.....	1	
Berkshire County, Mass.....		2
Bible Training School, South Lancaster.....	4	1
Bingham Rev. J. Foote, Hartford, Conn.....	4	7

Boston, Mass., City of.....	1
City Messenger.....	2
School Committee.....	1
Boston Museum of Fine Arts, Boston.....	13
Boston Port and Seamen's Aid Society, Boston.....	1
Boston University, Boston.....	1
Bourne, Hon. Jonathan, Jr., Washington, D. C.....	6 1
Bowdoin College, Brunswick, Me.....	5
Bridgewater State Normal School, Bridgewater.....	1
Bristol County, (Mass.) Commissioners of, Taunton.....	5
Brock, George P., New Bedford.....	2
Brooklyn Institute of Arts and Sciences, Brooklyn, N. Y.....	8
Brown University, Providence, R. I.....	1
Brown University, Library of, Providence, R. I.....	1
Bureau of Municipal Research, Dayton, O.....	1
Bureau of Railway Economics, Washington, D. C.....	4
Butler Hospital, Providence, R. I.....	1
Carnegie Endowment for International Peace, Washington, D. C.....	1
Carnegie Hero Fund Commission, Pittsburg, Pa.....	1
Carnegie Institute of Technology, Pittsburg, Pa.....	1
Carnegie Institute of Washington, Washington, D. C.....	1
Carver, Mass., Town of.....	1
Chaloner, J. A. Cobham, Va.....	2
Chandler, Miss Catherine W., New Bedford.....	3
Charity Organization Society, New Bedford, Miscellaneous collection reports and pamphlets.....	
Charity Organization Society of the City of New York, New York, N. Y.....	2
Chase, Miss Mary P., New Bedford.....	3
Chase, Wilfred Earl, Madison, Wis.....	1
Chicago College of Osteopathy, Chicago, Ill.....	1
Chicago and Northwestern Railway, Chicago, Ill.....	7
Chicago School of Civics and Philanthropy, Chicago, Ill.....	4
Cincinnati Chamber of Commerce, Cincinnati, O.....	1
Clemson Agricultural College, Clemson College, S. C.....	1
Clifford, Charles W., New Bedford.....	1
College of Dental and Oral Surgery, New York, N. Y.....	1
Colonial Society of Massachusetts, Boston.....	1
Colonial Society of of Pennsylvania, Philadelphia, Pa.....	1
Columbia University, New York, N. Y.....	2 1
Commandery of the State of Massachusetts, Military Order of the Loyal Legion, Boston.....	1

Committee of Fifty, Chicago, Ill.....	1
Connecticut Historical Society, Hartford, Conn.....	1
Connecticut State Library, Hartford, Conn.....	1
Coolidge, Asenath Carver.....	2
Coughlan, Joseph D., West Point, N. Y.....	1
Craig Colony, Sonyea, N. Y.....	1
Curtis Publishing Company, New York, N. Y.....	1
Cushing Academy, Ashburnham.....	1
Cutter, Ephraim, West Falmouth.....	12 1
Cutter, William P., New York, N. Y.....	2
Dartmouth, Mass., Town of.....	3
Dartmouth College, Hanover, N. H.....	1 1
Davison Publishing Company, New York, N. Y.....	1
Detroit, Mich., City of.....	1
Doubleday, Page & Co., Garden City, N. J.....	1
Drexel Institute, Philadelphia, Pa.....	1
Duke's County, Mass.....	1
Dutra, Joseph F., New Bedford.....	10
Duxbury, Mass., Town of.....	1
Dyer, Dr. Florence M., New Bedford.....	9
Essex County, Mass.....	2
Evening Post, New York, N. Y.....	1
Fairhaven, Mass., Town of.....	1
Fall River, Mass., City of.....	1
Farnsworth, Edward C., Portland, Me.....	1
Farquhar, R. & J. Company, Boston.....	1
Federal Council of the Churches of Christ in America, New York, N. Y.....	9
Field Museum of Natural History, Chicago, Ill.....	5
Fillebrown, Charles B., Boston.....	2
Fish, Andrew J., New Bedford.....	Periodical
Foster, Dr. E. E. New Bedford.....	3
Foulke, William Dudley, Richmond, Ind.....	2
Franklin County, Mass.....	1
Free Speech League, New York, N. Y.....	8
Freetown, Mass., Town of.....	1
Gifford, Miss Belle, New Bedford.....	2
Goodwin, Mrs. E. S., New Bedford.....	1
Governor John Albert Johnson Commission, St Paul, Minn...	1
Greene, Nelson Lewis, Heightstown, N. J.....	Chart
Greene, Follett L., Rochester, N. Y.....	1
Grinnell College, Grinnell, Iowa.....	1
Guaranty Trust Company of New York, New York, N. Y...	1

Habicht, Miss Marguerite, New Bedford.....	Periodical	
Hamilton, Canada, Office of Commissioner of Industries.....	1	
Hammond, William A, Ithaca N. Y.....	1	
Hampden County, Mass.....		1
Hampshire County, Mass.....		1
Hartford Theological Seminary, Hartford, Conn.....	2	
Harvard Law Review Association, Cambridge.....	1	
Harvard University, Cambridge.....	2	2
Hawes, Miss Rebecca W., Ridgewood, N. J.....	29	1
Hayes, Miss Jeannette, New Bedford,	1	
Hebrew Union College, Cincinnati, O.....		2
Honolulu Chamber of Commerce, Honolulu, Hawaii.....	1	
Hough, George A., New Bedford.....	4 photographs	1
Howe, Dr. R. Heber, Jr., Nonquitt.....	1	
Hutchinson, H. S., & Co., New Bedford	3	
Illinois State Water Survey, Urbana, Ill.....	1	1
Indian Rights Association, Philadelphia, Pa.....		1
Indiana Centennial Celebration, Indianapolis, Ind.....	1	
International Brewers' Congress, Chicago, Ill.....	2	
International Harvester Company of America, Chicago, Ill...		9
International Irrigation Congress, Salt Lake City, Utah.....		3
International Silver Company, Meriden, Conn.....	1	
Interstate Commerce Commission.....		4
Johnson, R. U., Mattapoisett.....		3
Kansas State Board of Agriculture, Topeka, Kan.....	2	2
Kenyon, R. L. Company, Waukesha, Wis.		1
Keystone View Company, Meadville, Pa.....	1	
Lake Mohonk Conference of Friends of the Indians, Mohonk Lake, N. Y.....	2	
Lake Mohonk Conference on International Arbitration, Mohonk Lake, N. Y.....	1	
Lakeville, Mass., Town of.....		1
Langshaw, Walter H., New Bedford.....		1
Leland Stanford, Jr., University, Stanford University, Cal....	1	1

Libraries, State Library Commissions and Similar Institutions.

(Gifts including Reports, Bulletins or like publications have been received from the following institutions)

Andover, Mass., Memorial Hall Library.

Augusta, Maine, Maine State Library.

Baltimore, Md., Enoch Pratt Free Library.

- Boston, Mass., Gould Free Library for the Blind.
[Massachusetts] State Library.
[Massachusetts] Board of Free Public Library Commissioners.
Public Library.
- Braddock, Pa., Carnegie Free Library.
- Bradford, Pa., Carnegie Public Library.
- Branford, Conn., James Blackstone Memorial Library.
- Bridgewater [Mass.] Public Library.
- Brockton, [Mass.] Public Library.
- Brookline [Mass.] Public Library.
- Brooklyn Institute of Arts and Sciences. Brooklyn, N. Y.
- Brooklyn, N. Y., Pratt Institute Free Library.
- Brooklyn, [N. Y.] Public Library.
- Burlington, Vt., Fletcher Free Library.
- Cambridge [Mass.] Public Library.
- Canton, [Mass.,] Public Library.
- Cardiff, Wales, Public Library.
- Chelsea, [Mass.,] Public Library.
- Chicago, Ill., John Crerar Library.
- Cleveland [Ohio] Public Library.
- Clinton, Mass., Bigelow Free Public Library.
- Concord, [N. H.,] Public Library.
- Danvers, Mass., Peabody Institute
- Dayton [Ohio] Public Library and Museum.
- Denver, [Col.] Public Library.
- Detroit, [Mich.,] Public Library.
- Dover [N. H.] Public Library.
- East Orange, [N. J.,] Free Public Library.
- Elizabeth, [N. J.,] Free Public Library.
- Fairhaven, Mass., The Millicent Library.
- Fitchburg, [Mass.,] Public Library.
- Galveston, Texas, Rosenburg Library.
- Germantown, Phila., Friends' Free Library.
- Grand Rapids [Mich.] Public Library.
- Habana, Cuba Biblioteca Nacional.
- Hartford [Conn.] Library.
- Haverhill [Mass.] Public Library.
- Helena [Mont.] Public Library.
- Hopedale, Mass., Bancroft Memorial Library.
- Indianapolis [Ind.] Public Library.
- Jersey City, [N. J.,] Free Public Library.
- Lancaster, Mass., Town Library.
- Leominster, [Mass.,] Public Library.

Lincoln, Neb., City Library.
 Los Angeles [Cal.] Public Library.
 Louisville, [Ky.,] Free Public Library.
 Lynn, [Mass.] Public Library.
 Madison, Wis., Free Library Commission of Wisconsin.
 Malden [Mass.] Public Library.
 Manchester, N. H., City Library.
 Medford, [Mass.,] Public Library.
 Michigan State Board of Library Commissioners, Lansing, Mich.
 Michigan State Library, Lansing, Mich.
 Middleboro [Mass.] Public Library.
 Milton, [Mass.] Public Library.
 Milwaukee [Wis.] Public Library.
 Nashville, Tenn., Carnegie Library.
 New Britain [Conn.] Institute Library.
 New Haven, [Conn.,] Public Library.
 New Orleans, [La.,] Public Library.
 New York, [N. Y.,] Mercantile Library Association.
 New York, [N. Y.] Public Library.
 New York, N. Y., Russell Sage Foundation Library.
 Newark, [N. J.,] Free Public Library.
 Newport, R. I., Redwood Library and Athenaeum.
 Newton [Mass.] Free Library.
 Northampton, Mass., Forbes Library.
 Osaka [Japan] Library.
 Passaic [N. J.] Public Library.
 Paterson, [N. J.,] Public Library.
 Pawtucket, R. I., Deborah Cook Sayles Library.
 Philadelphia, Pa., Apprentices' Library Company.
 Franklin Institute.
 City Institute.
 Free Library of Philadelphia.
 Library Company of Philadelphia.
 Pittsburgh, Pa., Carnegie Library.
 Portland [Me.] Public Library.
 Poughkeepsie, N. Y., Adriance Memorial Library.
 Providence, [R. I.] Athenaeum.
 Providence Public Library.
 Sacramento, Cal., State Library.
 St. Louis, Mo., Mercantile Library Association.
 St. Louis, [Mo.] Public Library.
 Salem [Mass.] Public Library.
 San Francisco [Cal.] Public Library.

Savannah [Ga.] Public Library.		
Schenectady [N. Y.] Public Library.		
Scranton [Pa.] Public Library.		
Seattle [Wash.] Public Library.		
Shelton, Conn., Plumb Memorial Library.		
Somerville [Mass.] Public Library.		
Spokane [Wash.] Public Library.		
Springfield, Mass., City Library Association.		
Syracuse [N. Y.] Public Library.		
Tacoma [Wash.] Public Library.		
Taunton [Mass.] Public Library.		
Vermont Library Commission, Montpelier, Vt.		
Waltham [Mass.] Public Library.		
Washington, D. C., Library of Congress.		
Washington, D. C., Public Library of the District of Columbia.		
Westminster, City of, [London, Eng.] Public Library.		
Williams College Library, Williamstown, Mass.		
Wilmington Institute Free Library, Wilmington, Del.		
Winchester [Mass.] Public Library.		
Worcester, Mass., Clark University Library.		
Worcester, [Mass.,] Free Public Library.		
Los Angeles, Cal., Los Angeles Celebration Commission.....	1	
Los Angeles, Cal., City of.....	1	
Macbeth-Evans Glass Company, Pittsburg, Pa.....	2	
MacMillan Company, New York, N. Y.....	1	
McNab, Hon. Robert, Wellington, N. Z.....	1	
Massachusetts Agricultural College, Amherst, Mass.....	7	
Massachusetts Agricultural Experiment Station, Amherst....	5	
Massachusetts Association Opposed to the Further Extension of Suffrage to Women.....	7	
Massachusetts Charitable Eye and Ear Infirmary, Boston....	1	
Massachusetts Civil Service Reform Auxilliary.....	1	
Massachusetts, Commonwealth of		
Board of Free Public Library Commissioners.....	1	
Bureau of Statistics.....	1	10
Civil Service Commissioners.....	2	
Commissioners of Fisheries and Game.....	1	
Industrial Accident Board.....	8	
Insurance Department.....	2	
Nautical Training School.....	4	
Office of the Secretary.....	22	3
State Board of Agriculture.....	7	
State Board of Charity.....	1	

State Board of Education.....	1	1
State Board of Gas and Electric Light Commissioners....	1	
State Board of Health.....		10
Trustees of Public Reservations.....		2
Massachusetts General Hospital, Boston.....	2	1
Massachusetts Institute of Technology, Boston.....	3	
Maxfield, Miss Olive, New Bedford.....		6
Metal Industry Publishing Company, New York, N. Y.....		1
Metropolitan Life Insurance Company, New York, N. Y.....		1
Metropolitan Museum of Art, New York, N. Y.....		3
Michigan Employment Institution for the Blind, Saginaw, Mich.....		3
Middlesex County, Mass.....		1
Minneapolis, Minn., Board of Park Commissioners,.....		1
Missouri Historical Society, St. Louis, Mo.....		1
Moffat, R. Burnham, New York, N. Y.....	1	
Moffat, Yard & Company, New York, N. Y.....	1	
Morgan, J. P. & Company, New York, N. Y.....		1
Mount Holyoke College, South Hadley, Mass.....		1
Nantucket County, Commissioners of.....		3
National Association of Life Underwriters.....		1
National Child Labor Committee, New York, N. Y.....		2
National Civil Service Reform League, New York, N. Y.....		2
National Collegiate Athletic Association, Middletown, Conn..		2
New Bedford, Mass., City of		
Board of Cemetery Commissioners.....		1
Board of Health.....	4	
Board of Park Commissioners.....		1
Chief Engineer of Fire Department.....		1
City Auditor.....		1
City Clerk.....	214	2
City Engineer.....		1
Police Department.....		1
School Committee.....		1
Superintendent of Streets.....		1
New Bedford Typographical Union, New Bedford.....	1	
New England Society in the City of New York, New York, N. Y.	2	
New Hampshire State Board of Health, Concord, N. H.....		2
New York, City of		
Committee on School Inquiry.....		10
Department of Parks.....	2	
Office of the Commissioners of Accounts.....		1
New York City, Mechanics Institute, School Department....		1

New York Farmers, New York, N. Y.	1
New York, New Haven & Hartford Railroad.....	5
New York School of Applied Design for Women, New York, N. Y.	2
New York Society of the Order of the Founders and Patriots of America	1
New York State Civil Service Reform Association, New York, N. Y.	1
New York State Education Department, Albany, N. Y.	3 21
New York State School for the Blind, Batavia, N. Y.	1
New York State Charities' Aid Association, New York, N. Y..	1
New York Tax Reform Association, New York, N. Y.	20
New Zealand, Government of.	1
Newark, N. J., Board of Trade, Newark, N. J.	1
Newport Historical Society, Newport, R. I.	6
Nietsch, Lothar, M. D., New Bedford.....	2
Norfolk County, Mass.	1
North American Civic League for Immigrants, Boston.....	1
Norwich University Record, Northfield, Vt.	1
Nye, Joseph K., Fairhaven.	1
Oberlin College, Oberlin, Ohio.	1
Ohio Wesleyan University, Delaware, O.	1
Old Dartmouth Historical Society, New Bedford.	1
Oregon State Immigration Commission, Portland, Oregon ...	1
Panama-Pacific Commission of Massachusetts, Boston.	12
Peabody Institute, Baltimore, Md.	1
Pembroke, Mass., Town of	1
Pennsylvania Prison Society, Philadelphia, Pa.	1
Perkins Institution and Massachusetts School for the Blind, Watertown, Mass.	1
Phelps, Edward Bunnell, New York, N. Y.	1
Philadelphia Commercial Museum, Philadelphia, Pa.	1
Phillips Exeter Academy, Exeter, N. H.	4
Pierce, Mrs. A Martin, New Bedford.	81
Plymouth Company.	1
Poor's Railroad Manual Company, New York, N. Y.	2
Posse Normal School of Gymnastics, Boston.	2
Postal Life Insurance Company, New York, N. Y.	1
Pratt Institute, Brooklyn, N. Y.	1
Princeton Theological Seminary, Princeton, N. J.	3
Princeton University, Princeton, N. J.	1
Publishers or Institutions issuing the following publications:	
A Alvorada, New Bedford.	
Ambition, Scranton, Pa.	
O Arauto, Oakland, Cal.	

Banking Reform, Chicago, Ill.
Boston Common, Boston.
Brown Alumni Monthly, Providence, R. I.
Canal Record, Ancon, Canal Zone, Isthmus of Panama.
Chase Chronicle, Boston.
Chicago Banker, Chicago, Ill.
Christian Science Journal, Boston.
Christian Science Sentinel, Boston.
Church Militant, Boston.
City of Denver, Denver, Col.
City of Lexington, Lexington, Ky.
Concrete, Detroit, Mich.
Cook's American Traveler's Gazette, New York, N. Y.
Crisis, New York, N. Y.
Current Anthropological Literature, New York, N. Y.
Dog Fancier, Battle Creek, Mich.
Eastern and Western Review, Boston.
Edison's Kinetogram, Orange, N. J.
Good Government, New York, N. Y.
Gospel Trumpet, Anderson, Ind.
Gregg Writer, Chicago, Ill.
Grinnell Review, Grinnell, Ia.
Holy Cross Purple, Worcester.
Home Decorator, Cleveland, O.
Independent, Kansas City, Mo.
Johns Hopkins University Circulars, Baltimore, Md.
Journal of Zoophily, Philadelphia, Pa.
Labor Digest, Minneapolis, Minn.
Leader, Fitchburg and Boston.
Matilda Ziegler Magazine for the Blind, New York, N. Y.
O Michaelense, Fall River.
Mill Supplies, Chicago, Ill.
Monthly Bulletin of the American Iron and Steel Institute,
New York, N. Y.
New Church League Journal, Chicago, Ill.
Onward, Boston.
Our Four-Footed Friends. Boston.
Owl, The, Kewanee, Wis.
Pasadena Daily News, Pasadena, Cal.
Philipino People, Washington, D. C.
Primitive Methodist Journal, Fall River.
Providence Board of Trade Journal, Providence, R. I.

Record, The, New York, N. Y.		
Revue Franco-Americaine, La, Montreal, Can.		
Remington Notes, New York, N. Y.		
Sea Breeze, Boston.		
Securities Review, Scranton, Pa.		
Shreveport Journal, Shreveport, La.		
Tuskegee Student, Tuskegee, Ala.		
Two States, Boston.		
A Uniao Portuguesa, Oakland, Cal.		
Universalist Leader, Boston.		
Volunteer's Gazette, New York, N. Y.		
Wage Earner, Boston.		
Wort, Das, St. Louis, Mo.		
Putnams, G. P., Sons, New Rochelle, N. Y.....	2	
Rantoul, Robert S., Beverly Farms.....	1	
Raymond, George Lansing, Los Angeles, Cal.....	1	
Rensselaer Polytechnic Institute, Troy, N. Y.....		2
Rhode Island Historical Society, Providence, R. I.....		2
Rhode Island School of Design, Providence, R. I.....		4
Robinson, John, Salem.....	1	
Rodman, Miss Mary, Concord.....	38	12
Royal Society of Canada, Ottawa, Can.....	1	
Sacramento (Cal.) Bar.....		1
St. Anthony, Parish of, New Bedford.....	1	
Saint Luke's Hospital, New Bedford.....		1
San Diego, Cal. Chamber of Commerce.....	1	
Sayer, William L., New Bedford.....	2	
Schriver, James, Grand Rapids, Mich.....		1
Schroeder, Theodore, New York, N. Y.....		1
Shaw, Mrs. Franklin, New Bedford.....		12
Silvin, Edward, Sacramento, Cal.....		1
Simmons College, Boston.....	2	1
Small, Maynard & Co., Boston.....	1	
Smith, Edward L, Boston.....		2
Smithsonian Institution, Washington, D. C.	6	41
Smoke Abatement League, Cincinnati, O.....		1
Society of Mayflower Descendants in the state of Maine, Portland, Me.....		1
Springfield, Mass., School Department.....		6
Standard Publishing Company, Boston.....		1
Submarine Signal Company, Boston.....		3
Sugar Notes and Statistics, Washington, D.C.....		1
Swain Free School of Design, New Bedford.....	6	

Taber, Miss Belle, Newport, R. I.....	1	2
Tacoma Commercial Club and Chamber of Commerce, Tacoma, Wash.....		1
Taylor, Gen. Charles H.....		1
Tennessee State Board of Entomology, Knoxville, Tenn.....		3
Testimony Publishing Co., Chicago, Ill.....		1
Thompson, Slason, Chicago, Ill.....	2	
Traffic Club of New England, Boston.....		1
Trenton Chamber of Commerce, Trenton, N. J.....		1
Tripp, George H., Fairhaven.....	1	9
Trustees of the White Fund, Lawrence, Mass.....	1	
Tryon, D. W., South Dartmouth.....	1	
Tucker, Dr. Edward T., New Bedford.....		2
Tucker, James H., Dartmouth.....	1	
Tufts College, Boston.....	1	1
Turle, Mrs. Robert H., Mrs. William R. Barr, Mrs. Linsly R. Williams, Mrs. Roswell Skeel, Jr., Worthington C. Ford, Roswell Skeel Jr., Cambridge.....	2	
Union des Association Internationales, Brussels, Belgium....		3
Union Theological Seminary, New York, N. Y.....		1
United Shoe Machinery Co., Beverly, Mass.....		2
United States Brewers' Association, New York, N. Y.....	1	
United States Government: (Publications of the following departments, most of which were received from the Superintendent of Documents.) — Pamphlets and leaflets grouped.		
Agriculture, Department of.....	13	559
Civil Service Commission.....	1	30
Commerce Department.....	14	380
Commerce and Labor Department.....	31	327
Congress of United States.....	88	7
Court of Claims.....	1	
District of Columbia.....	5	
Geographic Board.....		1
Government Printing Office.....	3	36
Interior Department, .....Atlas-folios 5, maps 59	39	269
Interstate Commerce Commission.....	9	50
Isthmian Canal Commission.....		13
Justice Department.....	4	
Labor Department.....		45
Library of Congress.....	4	195
Manila Bureau of Civil Service, Manila, P. I.....		2
Manila Bureau of Education, Manila, P. I.....		1
National Academy of Sciences.....	1	

Navy Department.....	11	26
Pan-American Union.....	2	4
Philipine Islands, Department of Public Instruction		1
Post Office Department.....	2	4
President of United States.....		5
Smithsonian Institution	12	10
State Department	2	
Superintendent of Documents.....		18
Treasury Department.....	14	84
War Department.....	19	19
United States Steel Corporation, New York, N. Y.....		1
University of Chicago, Chicago, Ill.....	1	9
University of Chicago Press, Chicago, Ill.....		1
University of Illinois, Urbana-Champaign, Ill.....	2	
University of Nebraska, Lincoln, Neb.....		19
University of Pittsburg, Pittsburg, Pa.....		1
University of Vermont and State Agricultural College, Burling- ton, Vt.....	1	
University of Washington, Seattle, Wash.....	1	3
University Society, New York, N. Y.....		1
Utah State Conservation Commission, Salt Lake City, Utah	1	
Van Hise, Charles R., Madison Wis.....		1
Vermont Bureau of Publicity, The, Essex Junction, Vt.....	1	
Walker Albert H., New York, N. Y.....		1
Warbasse, James Peter, New York, N. Y.....		1
Wareham, Mass., Town of.....	1	2
Waterman, William H., New Bedford .....periodical	2	1
Wesleyan University, Middletown, Conn.....		5
Western Theological Seminary, Chicago, Ill.....		1
Westport, Mass., Town of.....		1
Whitman, Miss Florence L., New York, N. Y.....	1	
Williams College, Williamstown, Mass.....	1	2
Williams, John, Inc., New York, N. Y.....		7
Wing, William Arthur, New Bedford.....	1	
Winslow, Dr. George F., New Bedford.....	1	14
Women's Christian Temperance Union, Local Branch, New Bedford.....	2	periodicals
Wood, Charles, New Bedford.....	2	
Woodworth, Mrs. Charles, New Bedford.....		1
Worcester Academy, Worcester, Mass.....		1
Worcester County, Mass.		1
Worcester Polytechnic Institute, Worcester, Mass.....	1	
World Peace Foundation, Boston.....		10

Worth, Henry B., New Bedford.....	2
Wright, Benjamin C, San Francisco, Cal.	1
Yale University, New Haven, Conn.....	3 1
Young Men's Christian Association, New Bedford, Periodical	
Young Men's Christian Association of Massachusetts and Rhode Island.....	1

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 22, 1914.

Received. Ordered printed in the City Documents
and sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

January 22, 1914.

Concurred.

CHARLES P. SAWYER,
Clerk.

TWENTIETH ANNUAL REPORT

OF THE

Department of Parks

OF THE

CITY OF NEW BEDFORD

For the Year 1913.



NEW BEDFORD, MASS.
THE J. E. BUDLONG PRESS
1914.

BOARD OF PARK COMMISSIONERS.

1912 — 1913.

SAMUEL P. RICHMOND,

WILLIAM F. CASWELL,

ANTONE L. SYLVIA,

WILLIAM KEITH,

OBED C. NYE.

OFFICERS.

SAMUEL P. RICHMOND, Chairman.

WILLIAM F. CASWELL, Secretary.

THOMAS W. COOK, General Superintendent.

CONSULTING ENGINEER.

George H. Nye, City Engineer.

DEPARTMENT OF PUBLIC PARKS.

COMMISSIONERS' REPORT FOR 1913.

*To His Honor the Mayor and the City Council of New
Bedford:—*

In accordance with the Revised Laws of the Commonwealth of Massachusetts, 1902, Chapter 28, Section 13, the title "Public Parks, Playgrounds, and Public Domain," the Park Commissioners of the City of New Bedford respectfully submit their Annual Report.

CITY OF NEW BEDFORD,
OFFICE OF BOARD OF PARK COMMISSIONERS.

December 1, 1913.

*To His Honor the Mayor and City Council of the City of
New Bedford:—*

GENTLEMEN:—We have the honor of presenting to you in compliance with the law and the established usage, the twentieth annual report of the parks of the City of New Bedford. It contains a report in detail of the receipts and expenditures and an account of the maintenance and improvements during the year. The appropriation by the City Council was \$45,000.00. The expenditures of the year amounted to \$45,661.39, exceeding the appropriation \$661.39. Of this amount, \$21,927.01 was paid for labor and \$23,734.38 for materials and the maintenance of the Parks.

The Board believe that the year's record of improvement has contributed largely to the pleasurableness and development of what has become a grand and prominent requirement in every progressive and well governed city. They are more attractive and more beautiful than heretofore, and their many friends and admirers have become strongly allied to the splendid opportunities and facilities for recreation and pleasure afforded them by the city. And we earnestly hope that our citizens will find continued and more abundant pleasure and happiness in the enjoyment of the privileges provided for them by the Commissioners,

who are giving much serious thought to the subject of how can they best provide for and administer to the public the local needs of the park department, which constitute one very essential and desirable part of municipal provisions.

September 27, 1899, Mayor Ashley appointed the Park Commissioners of the City of New Bedford, to hold office from May, 1900, for their respective terms, and at that time a formal transfer was made from the Board of Public Works, who had been acting as a Park Board. The Board devoted much time to the personal supervision and care of the parks, visiting them often and studying the needs and possibilities of the different parks. The Board believes that the progress made in the completion of park creation which is expected from your Board by the citizens from year to year has been fully realized, and its public interest and general importance to the welfare of our citizens is becoming each year to be more and more recognized and better understood. As a department it appeals to the best sentiment of those entrusted with park maintenance and advancement, and the constant study and endeavor is to make the parks better and better and more attractive from year to year as is possible with the financial provisions allowed us by the City Council.

The purchase of the Howland land at an expense of \$19,332.29, consisting of about 18 acres of woodland on the

south adjoining Buttonwood Park, extending to Hawthorn street, was a very wise procedure on the part of the city, as in time it can be improved for park purposes and it will be a grand and beautiful part of Buttonwood Park, and not only becoming more valuable, but enhances the value of the property surrounding the park, and it is evident by the rapid growth of our city during the last few years, and it can be attributed in no small degree to the results of the well directed activities of our ably managed city departments, and this Board feel that in some degree they have assisted in the city's rapid and successful enlargement. Our parks are admirably adapted by location for the purposes of pleasure and recreation, being well watered and well wooded, and while plow and spade and pickax might add to the natural picturesqueness of their general appearance, yet they have clusters of handsome and desirable trees and shrubs that require but a minimum expense to transform them into beautiful shade and beauty spots. The suggestion of the Mayor to the City Council in relation to creating a park on Pope's Island is a timely and most appropriate one. He said:

“The time has now arrived when I think it will be advisable to take action along the lines suggested by me in my inaugural address to the City Council, January 2, 1911, relative to the construction of a Marine Park on the south



BROOK — BROOKLAWN PARK

side of the New Bedford and Fairhaven bridge on Pope's Island."

We have used the north side of the bridge, on the property of the Union Street Railway Company, for the disposal of ashes from the central part of the city for several years. There is no further opportunity to use this place for fill. The railway company has notified us to cease filling here, and there is no other place available for this purpose without necessitating a long haul.

I would suggest therefore that we now secure rights on the south side of Pope's Island and the right to fill. For the present, the material can be placed back of temporary wooden bulkheads, constructed at small expense. This work will serve two purposes. In addition to providing a place for the disposal of ashes at the least expense, it will also provide a considerable area of land at a very desirable point for park purposes. The eventual construction of a stone wall around this area will also provide for a public landing and a sheltered small boat harbor. As a preliminary step, I would suggest the adoption of a resolution petitioning the United States Engineering Department for permission to fill at this location. The following action was taken:—

“Resolved, That His Honor the Mayor be and is hereby directed to petition the United States Engineering Depart-

ment or any other department of the United States government having jurisdiction over the waters of Buzzards Bay for permission to fill with ashes, earth or other suitable material so much of the waters of Buzzards Bay south of Pope's Island as is shown on plan prepared by the City Engineer of the City of New Bedford."

Also another timely, important, and unquestionably a wise and judicious action on the part of the Council, was the appointment of a committee looking into the advisability of purchasing land situated on the southeast corner of Rivet and Bolton streets, belonging to the New England Cotton Yarn Company, for recreation purposes, and reported that the company is willing to sell for this purpose to the city and quoted a price of \$50.00 per rod. This will make the cost of the land, \$34,167.

The land is in the immediate vicinity of a number of large manufacturing establishments employing large numbers of operatives, and they and their children should have park and playground near at or nearer than any now offered them by the city; and then again the time is fast approaching when land at any price can not be obtained in that part of the city; so that we consider the movements of the Council in relation to the future of park land acquisitions is certainly to be commended, and sometime will receive the plaudits of the community who will be the

recipients of pleasure which will surely arise from having such a delightful breathing place.

Regarding the land which has so far been purchased for parks, and their development, time has demonstrated that no better investments could have been acquired, as these properties have not only added to the attractiveness of our city but have greatly increased in value not only the parks themselves but all the neighborhood about them.

New Bedford has seven public parks, comprising a total area of 217 acres 29.07 square rods, which for a city of its size and its rapid increase of population is certainly not extreme, and if the city would reach out after more territory to devote to park purposes and strive for new fields to conquer, they could secure the possession of new and most desirable sections of the city best adapted for the work of the city and pleasure and recreation of the people.

Sections of some of the park lands have been devoted to playground and athletic fields and have been provided with tennis courts, baseball diamonds, and all kinds of playground apparatus for children. They are well patronized.

The open-air concerts held on Sunday afternoons at Buttonwood Park, Brooklawn Park, and Hazelwood Park attracted many thousands of music lovers from all parts of the city. The people attending these park concerts either

occupy the settees provided for the purpose or lounge upon the lawns, listening attentively to the attractive music discoursed by the several bands during the performance of a two hours' program. The cost of the concerts was about \$160.00 a Sunday, and a cost of forty-two concerts, for which allowances were made, amounted to about \$2100.00. It is the opinion of the Park Board that the expenditure was a wise one and that the City Council may again, recognizing the good, the satisfaction, and unquestioned benefit to the people and the attractiveness to the parks, appropriate the required funds for a like expenditure for the season of 1914.

The Board for a long time have realized the fact that from the standpoint of the public health and common decency that the sanitary conditions of the parks were far from being what the demands of the public required and that more and different convenience stations should be built. Some progress in that direction was made this year at Brooklawn Park, where a beautiful Shelter House was erected containing all the requirements of a modern sanitary and toilet and convenience station, and the expectations of the Board are that the same result may be experienced the coming year at the other parks, especially Buttonwood Park, where the accommodations are of the most primitive description and not fit for any city to maintain, and if the



appropriation is adequate the coming season, undoubtedly improvements in that direction will be made.

The only attraction offered by the parks in winter is skating, and that only at Buttonwood and Brooklawn Parks, which offer splendid opportunities when the ponds are frozen. Every effort is made to give the people every possibility to enjoy the splendid exercise and pleasure of the most exhilarating of sports. All snow is cleared off, the surface planed, and the ice kept in as good condition as the exertions of trained workmen can produce. Both ponds are surrounded by arc lights, making it exceedingly light and a brilliant scene not only to those enjoying the sport but the lookers on the animated scene, of which there are crowds, who seem to enjoy the scene almost as much as do the skaters themselves; and it is a certain way of popularizing and developing added interest in the parks and recreation opportunities that await the lovers of outdoor life, and impress upon the people the knowledge of the expense and effort the city is making for the pleasure, happiness and benefit of its people.

The work, care and attention which the Park Department requires is constantly increasing in perplexity, and embarrassing propositions which are sometimes surrounded with difficulties hard to overcome, and in the interest of true economy, which the Board have to constantly study,

many projects and much work is from year to year left undone which undoubtedly would add to the desirable appearance and usefulness of the parks, which is the aim of the Board to attain, that the people may feel that their parks are a valuable part of their city's planning.

The area of the city's Parks is as follows:—

Buttonwood Park	94 acres	75.02 sq. rds.
Brooklawn Park,	88 “	82.45 “ “
Hazelwood Park,	23 “	8.39 “ “
Water Front,	1 “	121.94 “ “
Common,	7 “	32.00 “ “
Bridge Approach,	1 “	13.86 “ “
Grove Park,		149.54 “ “
Triangle Park,		25.87 “ “

	217 acres	29.07 sq. rds.

Respectfully submitted,

SAMUEL P. RICHMOND, Chairman

WILLIAM F. CASWELL, Secretary

OBED C. NYE

WILLIAM KEITH

ANTONE L. SYLVIA



SUPERINTENDENTS REPORT



December 1, 1913.

To the Board of Park Commissioners:—

GENTLEMEN:—As required by law, I herewith present for your consideration my general report of the management of the department of parks the past year, and while I do not think it absolutely necessary to make a detailed report on the expenditure for each park separately, yet I have added a tabulated account giving the exact amount that was expended for each park for its maintenance the past year and the average cost per acre. It will not differ much from former years. The intercepting sewer which the City Engineer found necessary to go through a portion of Buttonwood Park, and which very much interfered with the park pleasures of the people, has been completed, and the grounds which were disturbed in the process of the work restored to the same condition as before they entered the park, and now conform as before to the general appearance of the park.

Baseball diamonds were accurately laid out and maintained in excellent condition in all the parks; also tennis courts and other games allowed on the lawns where it could be done without badly damaging the grounds. Saturdays and holidays it is impossible to accommodate all who desire

to engage in the sport of the games, as there is not sufficient area. Football fields are laid out and goal-posts erected, and everything done to facilitate and promote the desire for clean, sane and respectable sport by the park visitors. The following rules and regulations are posted conspicuously about the baseball diamonds and fields and enforced by the officers of the parks.

Rules Governing Baseball Games in Parks.

Teams on the ground ready to play at the allotted time and who have received the proper permission will be assigned their place. All parties wishing to engage the ball grounds in the parks must apply to the keeper of the park any time after 7 o'clock Monday mornings for the use of the same the following week, and the same will be reserved one hour after the time scheduled for the game. If not occupied at that time, it will be assigned to any club that may be present. The Park policeman will be in charge of the order of procedure and discipline of players and spectators.

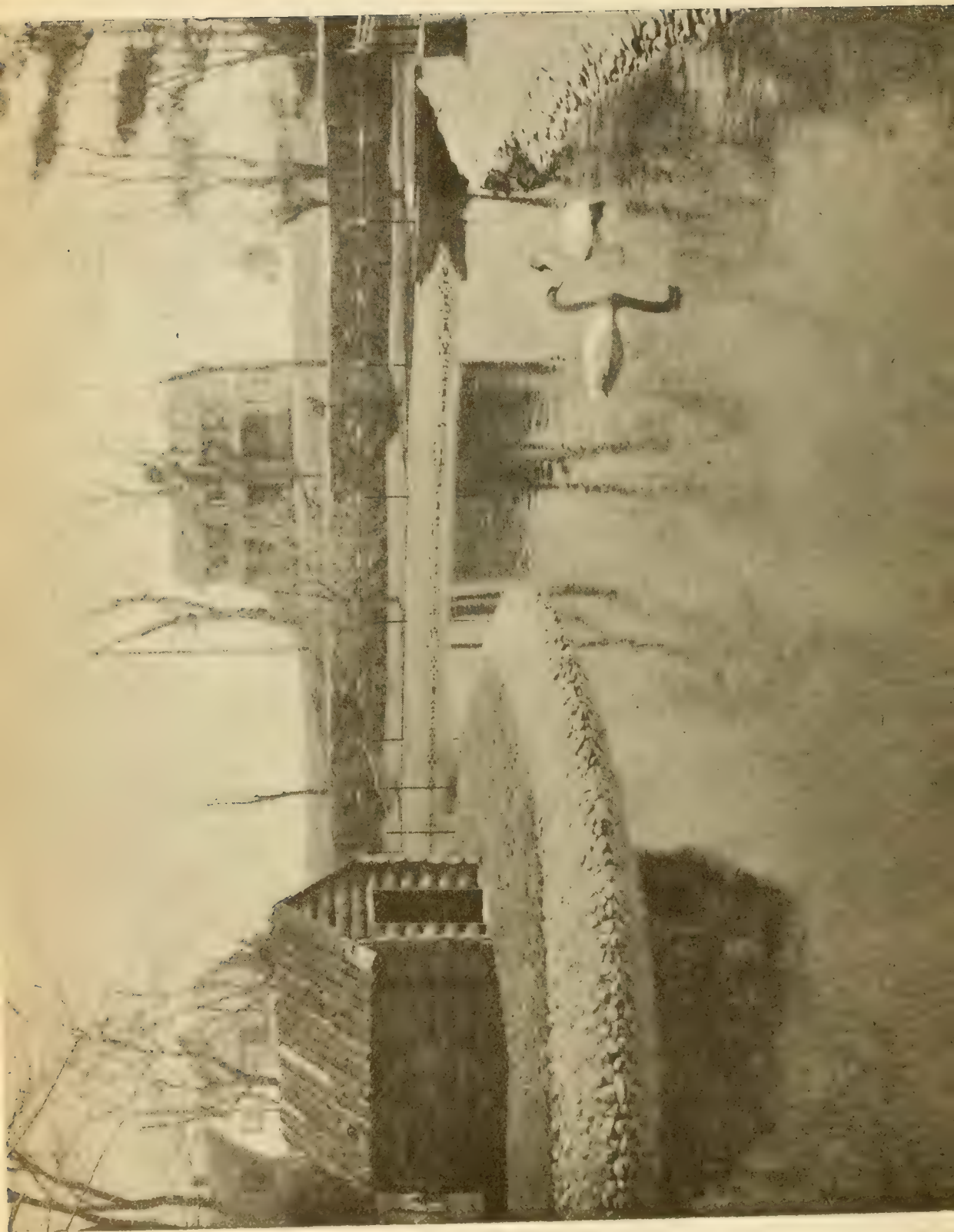
Persistent wrangling between players or between players and umpire, will be considered sufficient cause for instant dismissal from further use of the ball field.

Teams playing for a money stake or gambling on the game in any manner, will be refused the use of the ball field.

Advertising on uniforms or pennants or in any other way, will not be permitted. "Scrub" practice and games will be permitted without written permit, but must give way instantly to holders of a regular permit.

The season of winter sports is always welcomed by the lover of outdoor recreation, and is one of the most enjoyable of the seasons. To the skater it is most gladly welcomed, and throngs of people who delight in a vigorous outdoor life hail with gladness the keen, sharp and invigorating air of winter and its attendant sports. The ponds at Buttonwood and Brooklawn Parks offer all the attractions for skating which their excellent ponds are capable of and which an appreciative Park Board are willing to confer.





BROOKLAWN PARK

This park has received a generous part of the appropriation for improvements this year. A handsome Shelter House containing all the necessities and conveniences desired in such a place has been constructed, situated on and fronting the southwest end of the pond. The building is of wood but very ornamental. The roof projects over the outside walls and is covered with red asbestos century cement shingles. The inside dimensions are 50x25 feet, all in one large room except the toilet closets and a small room for heating; also a refreshment counter used during the skating season. The building is used as a warming house for the skaters, and in summer will be a cool and delightful resting place in connection with the pond and playgrounds. The cost of the building is as follows:

Construction by contract.....	\$5,175.75
Architect Fees.....	325.14
Lighting	49.50
Furniture	269.15
<hr/>	
Total	\$5,819.54

The building was designed by Louis E. Destremps and built by Ricard & Davol, contractors. A Workshop and Comfort Station were the next large expenditures, as also

three tennis courts on our improvement account, all of which were very much needed, as the demand for them was imperative and could not be denied the public any longer. The Park Board cannot satisfy all the needs, at least not with its present means. Playgrounds as provided by the Board on the Parks has resulted in such a demand for them that the Board find it impossible to answer the wants of all the visitors to the parks. The proper development and advancement of this phase of the requirements deserves not only thought and study as to how best meet the wishes of the people, but also liberal financial support, which is necessary. In relation to the north boundary of this park, too much cannot be said in relation to the necessity of doing something to make it known that it is park property by enclosing it with a fence or building a roadway from Acushnet Avenue west to Bowditch Street, and I can only quote from my report of the past two years calling attention to the importance of immediate and prompt improvements which are absolutely necessary. It is open to the travel of a large section of the city now being opened up and built upon, and answers for a highway for all kinds of travel. It is used for whatever the people living about and beyond the park as far as Acushnet insist upon putting it to. The travel should use Wood Street and other streets north of the park. The playfield and ballgrounds can never be put and kept in the condition they should until this portion of

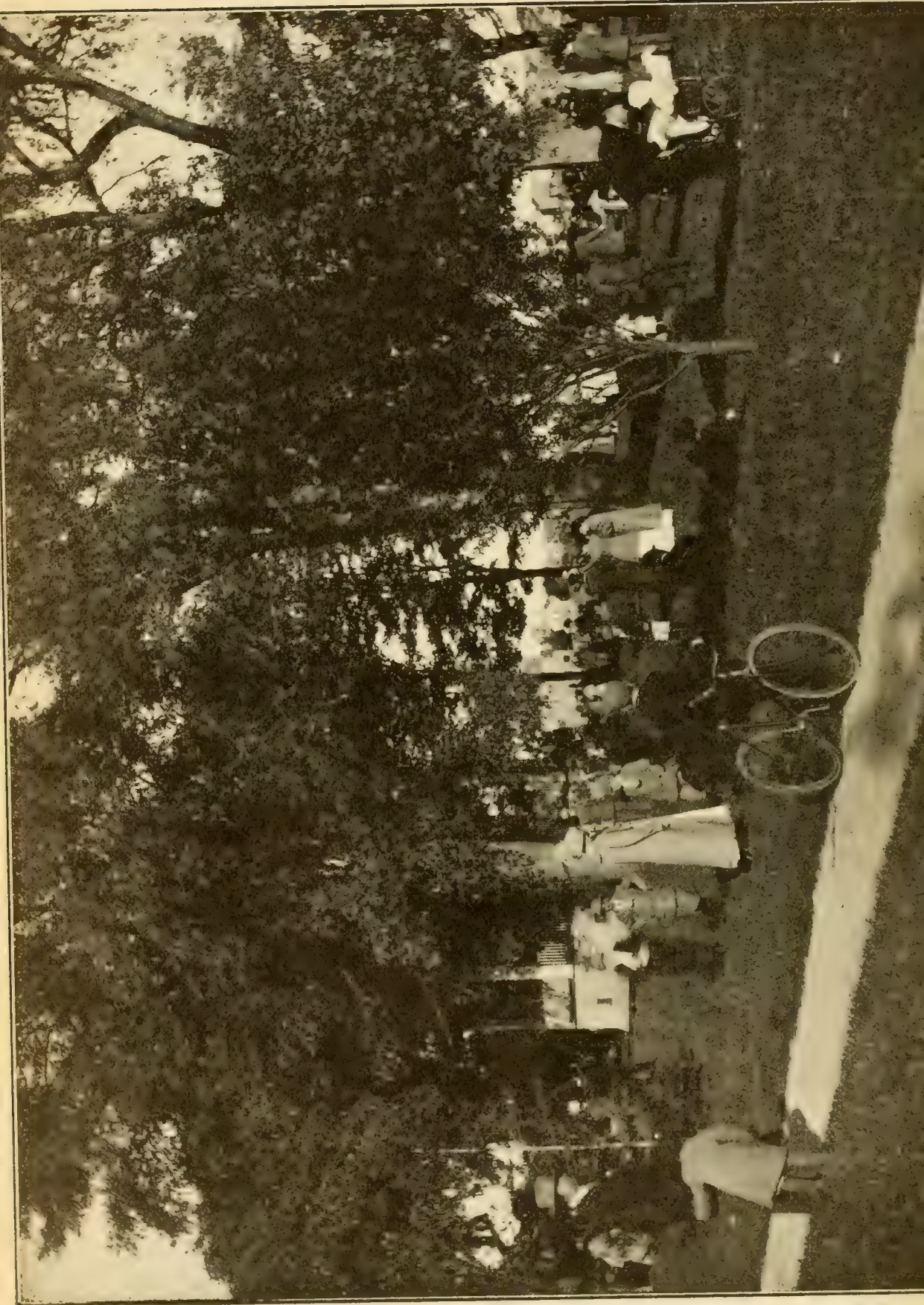
the park is in condition commensurate with the possibilities of that portion of the park; that once provided for, and the field adjoining can be made an ideal playfield, and the people who resort to the park for games have a right to urge that something be done to perfect it for playground purposes.

The old house which has stood on the park so long was thoroughly repaired and painted at an expense of \$1,315.08, and is now in good condition for whatever use it may be desirable to put it to.

The band concerts during the summer drew large crowds of people, who seemed pleased and very much interested in the music, and it would seem that it was a profitable way to interest the people who Sunday afternoons like to visit the parks. It is money well spent, and I hope it may continue during the coming summer.

EXPENDITURES OF THIS PARK.

Labor	\$6,331.57
Maintenance and Improvements.....	16,725.40
	<hr/>
Total	\$23,056.97
Average cost per acre, \$260.53	



BUTTONWOOD PARK

The importance of this park is not considered to the extent that it should be in relation to the conveniences that the people require and have a right to expect. Shelter, Toilet and Comfort houses should be provided at once and the park no longer be kept in such a deplorable condition in those respects as it now is. The park is fast becoming a favorite for playground purposes and with sufficient funds available, it should be made more of a playground and recreation center by supplying it with all the apparatus that a well supplied playground could operate. Although some park authorities have experienced some difficulty in deciding where to begin and where to stop in making a park satisfactorily answerable to all demands of the people for a complete recreation resort, yet, if the funds were available this park could be made to answer the wants of the recreation loving part of our community in a very satisfactory manner and as a very strong and enthusiastic believer in the playground project, I do not hesitate to recommend it as a prominent part of our park system and as an indication of what can be accomplished by expert playground teachers, will quote a very satisfactory letter received by the superintendent for the use of the park last summer.

“Dear Sir:—I desire to acknowledge my appreciation of the splendid arrangement furnished by yourself and the employes of Buttonwood Park for the holding of the playground field day, and to thank you for your personal interest, courtesy and assistance. Please extend in my behalf to the employes at the park my hearty thanks for their patience and gentleness in the handling of the children on that day.

Gratefully yours,

AMELIA E. ARMBRUSTER,

Supervisor of Playgrounds.”

The first skating of the season commenced about the middle of February and was enjoyed by thousands of skaters. The pond was kept in excellent condition by keeping the ice planers constantly busy. The Howland property came under the jurisdiction of the Board in July but as yet no improvements have been made upon it and possibly nothing excepting the cleaning up the neglected and untidy part of it by removing the dead and undesirable trees and shrubs and building a roadway through the wooded part of it, will be attempted at present.

Three new tennis courts were constructed, making five in all on the park and they were constantly in use and

parties always waiting to avail themselves of their turn, as many more courts would be advantageously employed by the lovers of the game if we could provide them for their use.

A very desirable addition to the convenience of the playgrounds particularly the ball fields, would be the placing of drinking fountains in the different parts of the field. Sanitary bubble fountains could be located in a number of places convenient to the many diamonds and seats of the spectators making it convenient for the players and lookers-on. I hope we may be able to install them the coming season.

The flagstaff is in a dangerous condition and should be repaired or a new one put in its place. I should recommend one constructed of steel pipe of different diameters, the joints being telescoped. Any height of pole can be obtained and the method of telescoping the sections makes them strong and ridged.

The throngs of people who have visited this park the past season have been largely in excess of former years. Often permits for a picnic, tennis court, baseball diamond and other games have been requested weeks before the time of use and it was impossible to meet all the demands made upon the park.

The animals have been quite a source of interest and amusement, especially to the younger portion of the visitors who hover around the enclosures and seem delighted to watch the frolic of the animals, and although our zoo is not very extensive yet there is always something interesting to engage the attention, and some instruction for the little ones possibly received.

The part of the park bounded by Kempton street and purchased of William F. Oesting was ploughed, dressed and planted with vegetables for the animals, producing enough to supply their wants until spring arrives and new vegetation will make its appearance. The land will now be seeded and quite a lot accomplished and in readiness for whatever use the Board may determine to use that part of the park for. Buttonwood Park has all the requirements and requisites of making a most complete, useful, and satisfactory part of the park system, and I earnestly hope the day is not far distant when it can receive all that is needed in park development and which is only now prevented by the necessary economy in municipal finances.

I would recommend a dressing of road oil on all the drives, not only in this park, but in all the parks, for it certainly puts them in fine condition and making them

free from dust adds comfort and pleasure to the visitors. The cost would not be great, but the improvement certainly would.

EXPENDITURES OF THIS PARK.

Labor	\$5,256.06
Maintenance and Improvements.....	2,708.85
<hr/>	
Total	\$7,964.91

Average cost per acre, \$84.28





A SANITARY FOUNTAIN
at the "Common"

COMMON

The Common continues to be the garden of the Department, but not to the extent that it should be. It is in a very prominent part of the city, surrounded by some of the finest residences and ought to be more decorative than it is, and I am in hopes that an effort will soon be made to make it appear more like a public garden. The shrub beds are in a very delapidated condition and should be entirely made new or material additions made to them.

Our greenhouse is too small for the work it has to do and should be replaced by a larger and more up-to-date one, though small and delapidated, it has provided about all the plants used on the several parks which, before its construction were purchased of the local florists. The distribution of the plants from the greenhouse is done by the force of men employed on the Common and the taste displayed in the decoration of the several parks is very satisfactory, and most of the plants are of very good quality; of cannas we have had some remarkable specimens. It has been the object and purpose of the Board to make as far as practicable this park as useful and beautiful as possible so it will appeal to the usefulness and pleasure of the greatest number of our people, especially the multitude that use it not only for pleasure, but for the convenience its walks through it affords to the numberless pedestrians that pass that way to and from their occupation, and everything essential to make it complete should be done in its behalf.

EXPENDITURES OF THIS PARK.

Labor	\$4,359.48
Maintenance and Improvements.....	1,547.54
<hr/>	
Total	\$5,907.02

Average cost per acre, \$814.76



HAZELWOOD PARK

Hazelwood Park continues to be a favorite resort for picnic parties, Sunday school outings, and family gatherings. The beautiful views of the river and harbor together with its delightful summer breezes make it a splendid resort of the people from the city who are enchanted with its lovely groves and shore, and easily pass an afternoon or evening of rest and recreation. The tennis courts have proved a great success and the people from all parts of the city resort there to enjoy the game.

During the winter the upper part of the Stone or Lucas house so called, was put in perfect condition, repaired and painted two coats and looked as it was, very handsome, but not destined to remain so long, for on the night of July 17th it was visited by a fire which completely destroyed that portion of the building which had been so nicely fixed up. It was supposed that sparks from fireworks set off by some society at a Mt. Carmel celebration on the shore some two hundred yards away, must have been responsible for it.

The Lucas House is an old one but quaint, having been built by Joseph Congdon in 1840. It is thought that the builder was William Durfee. The Congdon family moved in when it was completed and started to clear up the forest land about there into a park which they called

Hazelwood. In 1854 the Congdons sold the house to Thomas D. Lucas and Comfort Whiting. The division of the property was made, Mr. Lucas taking the part where the stone house was located. The place remained in the hands of the Lucas family up till the time the city took it for a park in 1901, though the last few years it was seldom occupied. The Lucasses were in possession there so long that it became associated with them rather than the builder, Joseph Congdon, and has been known as the "Lucas House." Under the city's ownership it has been thoroughly renovated within the past year, only to be destroyed by an accidental fire. The Park Board have it in mind to restore it to its original condition this season, as it is a unique and pleasant reminder to our old citizens of old times.

MAINTENANCE OF THIS PARK.

Labor	\$2,154.40
Maintenance and Improvements.....	1,429.44
<hr/>	
Total	\$3,583.84

Average cost per acre, \$154.14



SHORE — HAZELWOOD PARK



BRIDGE APPROACH

Bridge Approach has had its usual care, receiving careful attention, grass cut, trees and shrubs properly trimmed and cared for, and the roadways at all times kept neat and free from uncleanly materials. The flower beds were very much admired by the public and received great praise and encomiums from the strangers who come into the city by the way of the bridge.

MANTENANCE OF THIS PARK.

Labor	\$819.00
Maintenance and Improvements	71.36
<hr/>	
Total	\$890.36

Average cost per acre, \$791.43

GROVE PARK

Nothing new or important has been done at this place. It was put in good order early in the season. All the apparatus for play was put in good condition, and although it is all of wood, there not being any of steel construction, it has answered the purpose of the children in that locality very well. Yet it should be replaced with the most modern and improved athletic apparatus to be had. During the season it is in constant use and hundreds of children waiting a chance. We hope soon to see it a modern up-to-date playground. The children in that part of the city need it and ought to have it with all the amusement features possible.

EXPENDITURES OF THIS PARK.

Labor	\$470.50
Maintenance and Improvements.....	371.99
<hr/>	
Total	\$842.49

Average cost per acre, \$842.49



THROUGH THE WOODS—HAZELWOOD PARK



FINANCIAL REPORT

New Bedford, Mass.,

December 1, 1913.

To the Board of Park Commissioners:

GENTLEMEN:—The twentieth annual financial report of the receipts and expenditures of the Department of Parks for the year ending November 30, 1913, which I now have the honor to submit, contains in detail information regarding the finances of the department, including the receipts, expenses and disbursements of the Park Commission, and affords in this summary, which is given herewith, an opportunity for those who are interested in parks and their management, maintenance and improvement, a correct and well defined explanation of all moneys provided by the taxpayers and expended by the Park Board for park purposes, not only for the past year, but the total amount charged to the department, since the adoption of the park system, is comprehensively made apparent by this report and submitted to our citizens for their consideration.

STATEMENT OF PARK EXPENDITURES.

Comparative Statement.

1892.....	\$77,936.87
1893.....	5,734.79
1894.....	24,458.95
1895.....	21,321.17
1896.....	10,054.26
1897.....	14,834.89
1898.....	20,620.70
1899.....	18,879.33
1900.....	20,581.53
1901.....	51,011.63
1902.....	43,503.17
1903.....	42,042.33
1904.....	44,999.25
1905.....	20,000.00
1906.....	15,040.78
1907.....	24,998.47
1908.....	24,995.56
1909.....	25,129.25
1910.....	33,034.19
1911.....	39,564.23
1912.....	48,517.24
1913.....	45,661.39

\$672,919.98

Itemized Statement.

1892 — 1913.

Buttonwood Park..	\$205,677.90
Brooklawn Park ..	201,585.05
Common	105,521.62
Marine Park.....	8,546.16
City Hall.....	615.25
Triangle Park.....	1,626.13
Grove Park.....	16,991.98
Pine Park.....	632.58
Hazelwood Park...	80,784.39
Bridge Approach..	9,074.18
Office	41,864.74

\$672,919.98

TRIANGLE PARK

This little spot received the best of care and attention, and while not as large and pretentious as the other parks, it is gratifying and much enjoyed by the neighborhood that surrounds it. It is unfortunate that the trees are on the park, as it is so small they have already begun to crowd each other. They should be on the other edge of the sidewalk.

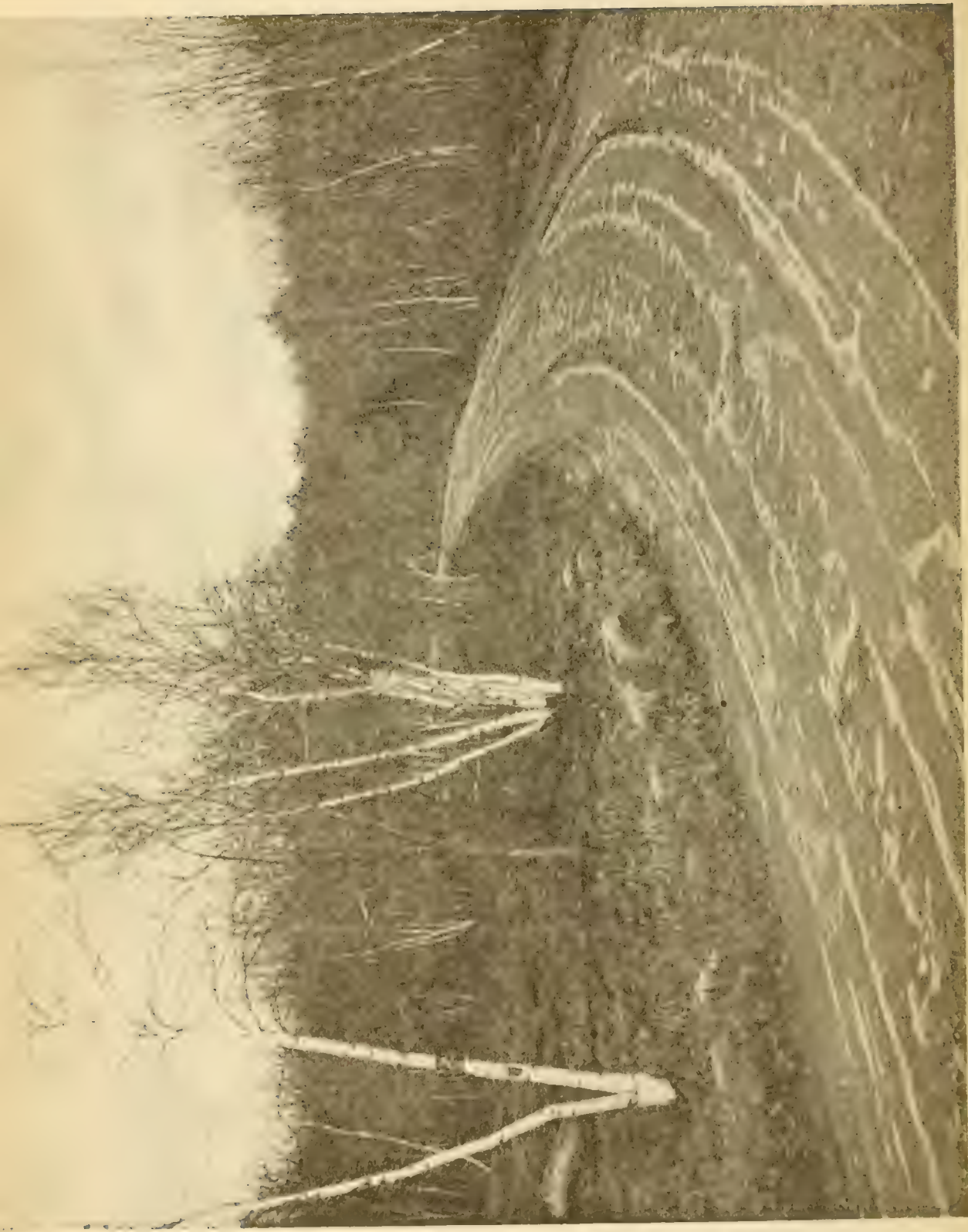
MAINTENANCE OF THIS PARK.

Labor	\$50.00
Maintenance	5.00
<hr/>	
Total	\$55.00

Average cost per acre, \$13.75

Respectfully submitted,

THOMAS W. COOK,
General Superintendent.



FOREST DRIVE—BUTTONWOOD PARK

MAINTENANCE OF BRIDGE APPROACH.

DR.

Labor	\$819.00
Supplies	37.82
Repairs	7.45
Water	14.09
Coal	7.00
Miscellaneous	5.00
	<hr/>
	\$890.36

CR.

Net Expenditures.....	\$890.36
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MAINTENANCE OF GROVE PARK.

DR.

Labor	\$470.50
Repairs	236.40
Painting	47.80
Water	7.20
Teaming	13.36
Supplies	36.75
Miscellaneous	30.48
	<hr/>
	\$842.49

CR.

Net Expenditures.....	\$842.49
-----------------------	----------

MAINTENANCE OF TRIANGLE PARK.

DR.

Labor	\$50.00
Water	5.00
	<hr/>
	\$55.00

CR.

Net Expenditures.....	\$55.00
-----------------------	---------

MAINTENANCE OF THE COMMON.

DR.

Assistant Superintendent.....	\$1,001.00
Police	1,089.00
Labor	2,269.48
Rent	240.00
Light	244.59
Lumber	6.60
Hardware	19.14
Repairs	48.98
Water	577.83
Seed	100.29
Teaming	86.25
Dressing	52.54
Coal	62.20
Miscellaneous	109.12
	<hr/>
	\$5,907.02

CR.

Net Expenditures.....	\$5,907.02
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PARK DEPARTMENT

45

FINANCIAL STATEMENT FOR THE YEAR.

DR.		CR.	
Buttonwood Park...	\$7,964.91	Appropriation	\$45,000.00
Brooklawn Park....	23,056.97	Rent for cafe privileges (Buttonwood and Brooklawn)...	150.00
Common	5,907.02	Sale of Ducks.....	4.95
Hazelwood Park....	3,583.84	Sale of Old Wood..	15.00
Grove Park.....	842.49	Sale of Junk.....	1.80
Bridge Approach...	890.36	Stone to Crusher...	99.30
Triangle Park.....	55.00	Sale of Potatoes....	86.00
Office	3,360.80	Sale of Milk.....	29.79
		By transfer from un-	
		appropriated funds	274.55
	<u>\$45,661.39</u>		<u>\$45,661.39</u>

OFFICE EXPENSES AND MISCELLANEOUS.

DR.	
Superintendent and Clerk.....	\$2,536.00
Telephone	52.17
Supplies	98.29
Hire of Automobile.	77.25
Annual Report	294.50
Miscellaneous	302.59
	<u>\$3,360.80</u>

CR.	
Net Expenditures.....	\$3,360.80



MAINTENANCE OF HAZELWOOD PARK.

DR.

Labor	\$2,154.40
Telephone	32.11
Repairs	730.01
Water	68.30
Lumber	6.95
Teaming	171.94
Furniture	86.45
Supplies	133.83
Miscellaneous	199.85
	<hr/>
	\$3,583.84

CR.

Net Expenditures.....	\$3,583.84
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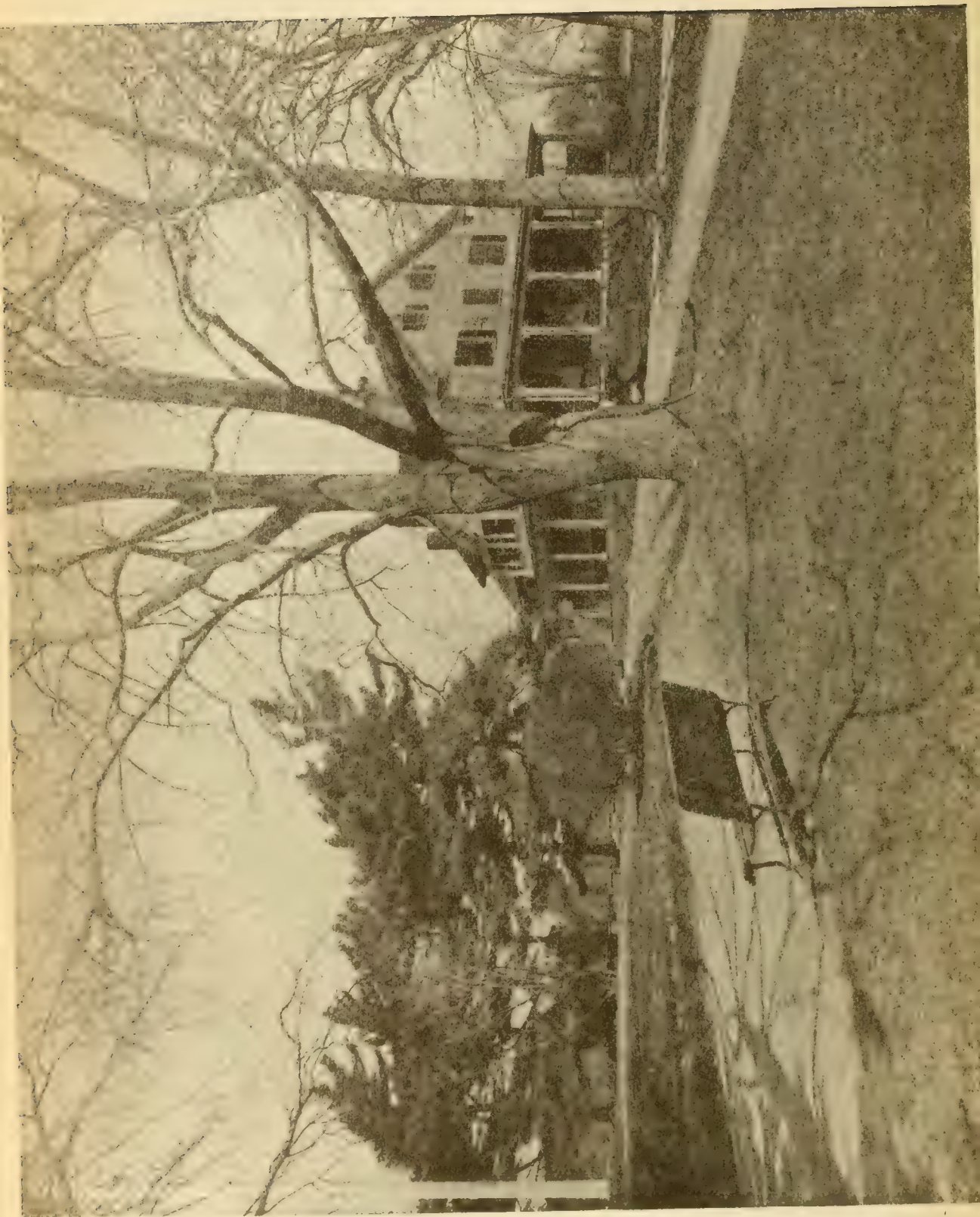
MAINTENANCE OF BROOKLAWN PARK.

DR.

Assistant Superintendent.....	\$1,001.00
Police	1,738.22
Labor	3,592.35
Animal Supplies.....	665.14
Telephone	32.30
Teaming	221.73
Water	491.97
Printing	67.89
Repairs	2,942.70
Lumber	254.64
Plans and Specifications.....	325.14
Swings	48.00
Extending water service.....	62.03
New Buildings.....	10,526.50
Coal	69.70
Furniture	116.00
Miscellaneous	908.16
	<hr/>
	\$23,056.97

CR.

Net Expenditures.....	\$23,056.97
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MAINTENANCE OF BUTTONWOOD PARK.

Dr.

Assistant Superintendent.....	\$1,001.00
Police	944.72
Labor	3,310.34
Animal Supplies.....	662.76
Telephone	32.60
Supplies	223.94
Lights	192.00
Miscellaneous	489.52
Repairs	421.39
Water	144.13
Skating	32.76
Teaming	221.79
Lumber	186.36
Purchase of animals.....	74.00
Coal	27.60

 \$7,964.91

Cr.

Net Expenditures.....	\$7,964.91
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MONTHLY EXPENDITURES, MATERIALS
AND SUPPLIES.

1912 December	\$278.55
1913 January	641.65
February	268.56
March	365.70
April	794.26
May	1,689.74
June	1,379.01
July	7,036.35
August	4,322.76
September	1,643.59
October	1,870.72
November	3,443.60

 \$23,734.38



PAY ROLL.

1912.

December..... 1, 2, 3, 4..... \$1,084.08

1913.

January..... 5, 6, 7, 8..... 1,010.39

February..... 9, 10, 11, 12..... 1,174.54

March..... 13, 14, 15, 16, 17..... 1,586.29

April..... 18, 19, 20, 21..... 1,768.69

May..... 22, 23, 24, 25, 26..... 2,899.12

June..... 27, 28, 29, 30..... 2,602.10

July..... 31, 32, 33, 34..... 2,385.86

August..... 35, 36, 37, 38, 39..... 2,474.59

September..... 40, 41, 42, 43..... 1,680.80

October..... 44, 45, 46, 47..... 1,608.02

November..... 48, 49, 50, 51, 52..... 1,652.53

\$21,927.01

Respectfully submitted,

THOMAS W. COOK.

Clerk.

ANNUAL REPORT PARK BOARD FOR THE YEAR
1913.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,
Feb. 12, 1914.

Received, ordered printed in City Documents and sent
down for concurrence.

W. H. B. REMINGTON.
City Clerk.

IN COMMON COUNCIL,
Feb. 12, 1914.

Concurred.

CHARLES P. SAWYER.
Clerk.

ANNUAL REPORT

OF THE

CHIEF OF POLICE

OF THE

CITY OF NEW BEDFORD

For the Year Ending December 31, 1913.

New Bedford:
The Mercury Publishing Co., Printers
1914

Annual Report

NEW BEDFORD, MASS.,
December 31, 1913.

To His Honor the Mayor, and Gentlemen of the City Council:

GENTLEMEN:—I have the honor to present herewith, the annual report of the condition and doings of the Police Department for the year ending December 31, 1913.

This department at present consists of the following:

Chief,	1	Emergency Officer,	1
Deputy Chief,	1	Wagonmen,	1
Captains,	2	Drivers,	3
Inspectors,	3	Housekeepers,	12
Lieutenants,	11	Matrons,	1
Sergeants,	6	Janitors,	2
Patrolmen,	127	Electricians,	1
Total,			172

Number of arrests during the year, 3,847.

	Arrests by Months.	Males.	Females.
January,	279	246	33
February,	244	215	29
March,	326	274	52
April,	248	227	21
May,	321	294	27
June,	292	253	39
July,	427	376	51
August,	404	369	35
September,	404	360	44
October,	320	285	35
November,	299	269	30
December,	283	253	30
	3847	3421	426

ARRESTS OF—		Arrests in 1905,	
Americans,	1,506	“ 1906,	1,862
Foreigners,	2,341	“ 1907,	1,906
Non-residents,	657	“ 1908,	2,517
Minors,	304	“ 1909,	2,802
Commitments,	705	“ 1910,	2,293
On Warrants,	668	“ 1911,	3,542
		“ 1912,	3,439
		“ 1913,	3,554
			3,847

NATIVITY OF PRISONERS.

United States,	1,506	Holland,	4
Africa,	2	Hungary,	266
Albania,	26	Ireland,	30
Assyria,	4	Italy,	89
Australia,	2	Madeira,	2
Austria,	54	Mexico,	8
Azores,	269	Norway,	1
Bavaria,	1	Philippine Islands,	146
Belgium,	4	Poland,	71
Bohemia,	5	Portugal,	56
Brazil,	1	Russia,	1
British Provinces,	87	Sandwich Islands,	46
Canada,	489	Scotland,	3
Cape de Verde Islands,	104	Spain,	3
Denmark,	1	St. Helena,	24
England,	450	Sweden,	7
Finland,	10	Syria,	10
France,	14	Turkey,	4
Germany,	22	Wales,	9
Greece,	1	West Indies,	5

OFFENCES.

Abandonment,	1
Adultery,	7
Arson,	2
Assault,	83
Assault and battery,	147
Assault, felonious,	3
Assault on officer,	3
Assault to rape,	2
Assault with weapon,	6

Attempt to break and enter,	4
Attempt to give insufficient weight,	2
Bastardy,	17
Blackmail,	1
Begging,	2
Breaking and entering,	56
Carrying concealed weapon,	10
Collecting junk without license,	1
Collecting and transporting garbage,	1
Concealing leased property,	2
Concealing mortgaged property,	2
Concealing personal property held on conditional contract of sale,	1
Contempt of Court,	21
Cruelty to dumb animals,	5
Delinquents,	78
Desertion,	11
Disorderly conduct,	2
Disturbing the peace,	206
Drunkenness,	2,517
Employment of a minor before 6 a. m.,	1
Escaped prisoners,	5
Fornication,	6
Gambling,	6
Giving insufficient weight,	1
Giving intoxicating liquor to a minor,	1
Grazing cattle in the street,	1
Having cocaine in possession, with intent to sell,	2
Having in possession with intent to sell an unstamped carcass,	1
Hunting without a license,	1
Idle and disorderly,	78
Illegal sale of liquor,	3
Impersonating an officer,	1
Incest,	1
Indecent exposure,	5
Injury to a shade tree in a public place,	1
Interfering with an officer,	4
Insane,	13
Keeping common nuisance,	10
Keeping disorderly house,	12
Keeping a gambling house,	2
Keeping a liquor nuisance,	1

Keeping liquor with intent to sell,	5
Larceny,	142
Lewd cohabitation,	21
Maliciously breaking glass,	2
Manslaughter,	2
Murder,	1
Neglect of family,	102
Neglected children,	11
Night walking,	16
Obstructing sidewalk,	3
Operating steam boiler without certificate,	1
Physical neglect of child,	1
Polygamy,	3
Present at gaming,	5
Profanity,	1
Promoting a lottery,	1
Rape,	6
Receiving stolen goods,	6
Runaway boys,	8
Selling air-gun to a minor,	1
Selling an unstamped carcass,	1
Setting fire,	1
Stealing a ride,	1
Stolen property in possession,	2
Stubbornness,	6
Surrendered by bondsman,	2
Surrendered by Probation Officer,	16
Sounding a false alarm of fire,	3
Threats,	21
Unlawfully taking a horse,	1
Unlawfully detaining book from Public Library,	1
Uttering forged check,	1
Vagrants,	23
Violation of City Ordinances,	13
Violation of Lord's Day,	1
Violation of park rules,	4
Violation of health laws,	3
Violation of blasting regulations,	1
Violation of fishing laws,	6
Violation of election laws,	1
Violation of pure food law,	21
Violation of school law,	1
Violation of game law,	1

POLICE REPORT.

7

Violation of automobile law,	9
Violation of cemetery law,	1
Violation of slaughter law,	1
Violation of illegitimate children act,	10
Violation of parole,	1
Wayward children,	2
White slavery,	5
	<hr/>
	3847

PRIMARY DISPOSITION OF CASES.

Placed on file,	1770
Sentenced to various penal institutions,	686
Fined,	414
Continued,	455
Released by order of Court,	303
Bailed and defaulted,	23
Bailed to appear out of town,	7
Not guilty,	53
Probably guilty,	35
Gave bonds to keep the peace,	6
Nolle prossed,	28
Insane hospitals,	10
Delivered to out-of-town officers,	34
Delivered to father,	2
Delivered to Superior court,	1
Delivered to United States court,	1
Delivered to Children's Aid society,	1
Summons for out of town,	4
Complaints dismissed,	14
	<hr/>
	3847
Paid fines,	256
Appealed,	123
Sentence suspended,	211

MISCELLANEOUS BUSINESS.

Accidents,	1
Amount of property stolen in the city,	\$14,070.79
Amount of property recovered,	\$14,146.23

Ambulance calls,	1,293
Animals impounded,	1
Bicycles found,	40
Buildings found open and secured,	379
Cases investigated,	28,661
Dangerous buildings reported,	2
Dangerous wires reported,	34
Defective streets and sidewalks,	131
Defective hydrants,	1
Defective water pipes,	1
Dead bodies found,	7
Disturbances suppressed,	1,812
Dog notices served,	11
Dogs killed,	14
Fires extinguished without alarms,	32
Fires extinguished,	16
Horses found cast,	14
Horses shot,	2
Hours of extra duty,	2,403
Intoxicated persons helped home,	41
Lost children found and returned,	480
Liquor search warrants served,	5
Number of miles covered by ambulance,	5,094
Rescued from drowning,	2
Sick and injured persons assisted,	15
Street obstructions reported,	46
Street obstructions removed,	66
Stray teams picked up,	33
Stray teams put up,	24
Still alarms given,	3
Water running to waste,	9

PERSONNEL OF THE FORCE.

CHIEF:

HENRY W. MASON

DEPUTY CHIEF:

JOHN C. PARKER

CAPTAINS:

ARTHUR H. JONES

THOMAS J. TAFT

INSPECTORS:

WALTER ALMOND

GEORGE R. LAWRENCE

FRANK W. SYLVIA

LIEUTENANTS:

LEMUEL D. ADAMS

CHARLES L. McBAY

THOMAS W. COMSTOCK

JEREMIAH McCARTHY

DANIEL DENEEN

WILLIAM E. ROSCOE

THOMAS FAY

HARRY D. STOW

WILLIAM FOWLER

WILLIS C. UNDERWOOD

JOSEPH B. WING

SERGEANTS:

NARCISSE A. BREAUULT

FRANK L. REMINGTON

EDWARD P. DOHERTY

JAMES W. SAVAGE

SAMUEL D. McLEOD

CHESTER L. TRIPP

POLICE MATRON:

SARAH M. BROWNELL

PATROLMEN:	Years of	
	Age.	Service.
Aillery, Constance	43	4
Allen, Charles E.	45	10
Almond, William, Jr.	43	18
Ashley, Henry T.	36	9
Astley, Thomas	48	7
Barbour, Robert L.	36	4
Boehler, Max F.	29	
Bolton, James E.	35	
Breault, Joseph A.	38	
Briggs, Myron S. A.	39	2
Brightman, Ellery E.	45	7
Brophy, Edward O.	28	2
Butts, Henry	29	6
Cash, James	40	2
Caswell, Charles A.	48	8
Chase, Raymond	38	2
Cleary, William E.	35	7
Cole, William T.	44	17
Craft, James F.	60	9
Crapo, Albert A.	35	9
Cushing, William S.	43	9
Dahoney, Thomas	55	23
Daley, Charles F.	49	9
Deane, James	42	4
Doherty, Thomas	38	
Downey, Daniel	49	8
Downey, John B.	28	
Downey, William M.	37	2
Dupuis, Patrick H.	28	2
Dupuis, Wilfred H.	34	9
Durant, Lawrence J.	46	21
Earley, Edward C.	46	17
Ellis, Harry C.	38	7
Evans, John	37	2
Fanning, John F.	37	4
Fay, John H.	34	7
Fell, Charles	28	
Fernandes, Joseph A.	27	2
Foley, Edmund	45	20
Francis, Antone	35	
Freitas, Manuel	34	4

Gatenby, James S.	41	4
Gibbs, Nathaniel F.	45	11
Glennon, William F.	41	6
Gorner, Arthur	30	
Grant, George P.	37	6
Gregory, William	42	2
Hafford, Stephen, Jr.	56	14
Haggerty, Timothy F.	31	
Haran, Luke T.	33	4
Haran, John F.	39	
Harding, James P.	40	6
Harrington, Daniel	47	11
Hayden, Abram L.	42	9
Head, Edgar E.	36	6
Hickey, William B.	31	
Holloway, Arod B.	51	11
Horton, Eliphalet H.	49	9
Howland, William A. E.	46	17
Hynes, Edward A.	40	8
Irwin, Henry, Jr.	43	4
Ivey, James A.	57	23
Jacobs, Ellsworth C.	37	2
Jenkins, Thomas J.	27	
Johnson, Harry	35	4
Karcher, Frederick, Jr.	53	11
Lamothe, Benjamin	39	7
Leahy, William T.	26	6
Lentz, Joseph A.	29	
Lowther, George H.	54	17
MacKinstry, Albert B.	34	8
Manning, Joseph S.	33	6
McCarthy, William H.	26	
McCrohan, John H.	29	2
McGoff, James E.	39	2
McDonald, Daniel J.	51	17
McEnnis, Robert B.	57	19
McKay, John T.	31	4
Miller, John J.	39	6
Mitchell, William	33	6
Moore, James J.	43	6
Mosher, Albert E.	39	11
Mullins, Enoch	36	4
Murdy, Robert H.	46	9

Murphy, Edward	33	2
Murphy, Francis A.	35	4
Murphy, Lawrence	39	
Nault, Joseph	29	4
Neagus, Melvin E.	31	
Nelson, Ivar V.	30	
Nickerson, Charles F.	40	13
Oliver, John F.	49	20
Patterson, Charles G.	35	6
Phinney, Charles E.	41	6
Pieraccini, Raphael	33	4
Place, Joseph A.	33	4
Pollock, John H.	27	
Prifogle, Edward	36	2
Raymond, Edward	38	6
Raymond, Hiram E.	58	21
Rooks, Albert H.	47	11
Rooks, John C.	56	27
Sanders, Joseph A.	30	2
Searell, William E.	42	2
Sherman, George A.	35	6
Smith, Charles F.	57	19
Sousa, William H.	43	
Spooner, John C.	40	11
Staples, Walter C.	41	
Sullivan, James H.	49	13
Sullivan, Mathew	40	6
Sundin, Carl A.	34	4
Sweeney, Daniel P.	51	23
Sylvia, Antone F.	41	6
Taber, Jeremiah H.	55	18
Touchette, Hermes	35	6
Turgeon, Joseph V.	39	4
Velho, Augustine F.	36	4
Vogel, Robert F.	46	17
Welsh, William	41	11
White, Albert B.	33	6
Winterson, Henry B.	29	
Wilcox, Seth A.	43	9
Williams, Benjamin F., Jr.	30	6
Williams, Charles H.	39	6
Wixon, James A.	72	42
Woolfenden, Albert	33	4

EMERGENCY OFFICER:

Kennedy, Patrick	79	29
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WAGONMEN:

Paige, George W.	67	32
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DRIVERS:

Dalbec, Edmund	36	5
Meade, James	43	7
Ryan, William M.	46	17

HOUSEKEEPERS:

Aldrich, Oscar F.	64	18
Arnett, James W.	74	36
Cannavan, Patrick	76	45
Clough, George H.	66	16
Dodds, James	60	21
Eldridge, Washington A.	70	32
Humphrey, Daniel J.	72	35
Kenney, Patrick,	59	18
Meehan, Daniel	66	16
Smith, Andrew J.	70	20
Sullivan, Timothy	65	38
Wilson, Thomas H.	77	27

PENSIONED:

Winslow, George F.	76	14
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JANITORS:

Allen, Charles G.
Drew, Moses C.

ELECTRICIAN:

Fitch, Horace A.

RESERVE POLICE:

	Date of Appointment.
Benoit, William R.	Dec. 24, 1913
Bourgeois, Albini	“ “
Burke, John E.	Feb. 10, 1910
Cafferty, John	Dec. 24, 1913
Chausse, Onat A.	Jan. 17, 1912
Davies, John W.	Dec. 23, 1911
DeGrasse, Charles H.	Dec. 24, 1913

Deverill, John H.	May 13, 1907
Dupuis, Bernard	Dec. 24, 1913
Downey, Stephen P.	Dec. 23, 1911
Fay, Miles L.	Dec. 23, 1909
Faunce, Albert M.	Jan. 17, 1912
Gobiel, Joseph	Dec. 24, 1913
Howes, Charles M.	“ “
Kane, John	“ “
Kelley, Michael J.	“ “
Kinney, William E.	“ “
Kinney, Joseph R.	“ “
Lemaire, Anthony C.	“ “
Marder, James	“ “
McDonald, William F.	Feb. 10, 1910
McDonnell, James	Dec. 27, 1907
Mott, Cassius B.	Dec. 24, 1913
Muldoon, Thomas	“ “
Parkinson, John	“ “
Perry, Anthony E.	“ “
Reddy, Michael J.	“ “
Seddon, Thomas, Jr.	“ “
Stanley, Charles A.	“ “
Turgeon, Francois X.	Dec. 23, 1909
Vincent, Charles H.	Dec. 23, 1911
Walsh, John P.	Dec. 24, 1913
Walsh, William P.	“ “
Wooley, Thomas	Dec. 23, 1911

INSPECTOR 'S' DEPARTMENT:

Amount of property recovered,	\$7,085.20
Number of arrests,	270
Cases investigated,	2,370
Notices served,	509
Disturbances suppressed,	2
Search warrants served,	2

APPOINTMENTS.

On December 24 the following named members of the Reserve Police Force were appointed Regular Patrolmen, they having served a probationary term of six months in accordance with the Civil Service Rules of the Commonwealth, viz.:

Max F. Boehler	Thomas J. Jenkins
James E. Bolton	Joseph A. Lentz
Joseph A. Breault	William H. McCarthy
Thomas Doherty	Lawrence Murphy
John B. Downey	Melvin E. Neagus
Charles Fell	Ivar V. Nelson
Antone Francis	John H. Pollock
Arthur Gorner	William H. Souza
Timothy F. Haggerty	Walter C. Staples
John F. Haran	Henry B. Winterson
William B. Hickey	

TRANSFERRED.

On December 24, Patrolman William R. Benoit, to the Reserve Police Force, at his request.

On December 24 the following named persons were appointed members of the Reserve Police Force, to serve a probationary term of six months, in accordance with the Civil Service Rules of the Commonwealth, viz.:

Albini Bourgeois	Anthony C. Lemaire
John Cafferty	James Marder
Charles H. DeGrasse	Cassius B. Mott
Bernard Dupuis	Thomas Muldoon
Joseph Gobiel	John Parkinson
Charles M. Howes	Anthony E. Perry
John Kane	Michael Reddy
Michael J. Kelley	Thomas Seddon
Joseph Kinney	Charles A. Stanley
William E. Kinney	John P. Walsh
William Walsh	

RESIGNED.

June 16. Patrolman Michael F. Donnelly.

RETIRED ON HALF PAY.

March 1. Housekeeper George F. Winslow.

In Memoriam

CHIEF INSPECTOR GEORGE E. GENDRON,

Died Nov. 5. Aged 59 years, 26 days.

HOUSEKEEPER JOHN B. MANCHESTER,

Died Jan. 16. Aged 73 years, 8 months, 4 days.

LIEUTENANT CHARLES C. GIFFORD,

Died Feb. 13. Aged 67 years, 5 months.

WAGONMAN EUGENE F. RUSSELL,

Died Aug. 14. Aged 63 years, 1 month, 22 days.

HOUSEKEEPER WILLIAM J. COWING,

Died Nov. 13. Aged 57 years, 5 months, 12 days.

MATRON'S REPORT.

Prisoners,	366
Lodgers,	9
Lost children,	3
Neglected children,	2
Insane,	11

MRS. SARAH M. BROWNELL,

Matron.

Respectfully submitted,

HENRY W. MASON,

Chief of Police.

ANNUAL REPORT
OF THE
CHIEF OF POLICE FOR THE YEAR 1913.

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
February 12, 1914.

Received, placed on file, ordered printed in the City
Documents and sent down for concurrence.

W. H. B. REMINGTON, City Clerk.

IN COMMON COUNCIL,
February 12, 1914.
Concurred.

CHARLES P. SAWYER, Clerk.

ANNUAL REPORT
OF THE
BOARD OF OVERSEERS
OF THE POOR

OF THE
CITY OF NEW BEDFORD

For the Year 1913



MERCURY PUBLISHING COMPANY, PRINTERS,
NEW BEDFORD, MASS.
1914.

MEMBERS OF THE BOARD.

MANUEL A. ANDREWS, Chairman.

J. CLIFFORD SHERMAN, Secretary.

STANISLAS DESAUTELS.

OFFICERS OF THE BOARD.

MANUEL A. ANDREWS,
Chairman.

J. CLIFFORD SHERMAN,
Secretary.

ANTONE H. SENNA,
Visitor and Portuguese Interpreter.

JOSEPH A. DESJARDINS,
Clerk and French Interpreter.

LUCY E. BROADBENT,
Stenographer.

STANISLAS A. LAMOUREUX, M. D.,
Physician to the North District.

CLARENCE E. BURT, M. D.,
Physician to the South District.

EDWARD T. TUCKER, M. D.,
Physician at Almshouse.

THOMAS F. BROWN,
Superintendent of Almshouse.

CATHERINE E. BROWN,
Matron of Almshouse.

REV. CHARLES S. THURBER,
Chaplain of Almshouse.

JOHN E. DYER,
Keeper of Wood and Coal Yard.

CITY OF NEW BEDFORD.

OFFICE OF THE OVERSEERS OF THE POOR.

Municipal Building,

New Bedford, April 9th, 1914.

To His Honor the Mayor and City Council:

GENTLEMEN:—We submit herewith the annual report of this board for the year ending Nov. 30, 1913.

OUTSIDE RELIEF

As will be seen by a perusal of the accompanying tables the expenditures under this head were greater than last year. This is accounted for, first by the larger number of people who have been aided, and secondly by the extra expenditures involved in the administration of Chap. 763 Acts of 1913.

While this board does not question the merit of this bill, yet it feels that it cannot be too careful in aiding applicants under this law. The aid is costing the city a large amount of money, and will continue to do so for years to come. It is a splendid idea to help mothers with dependent children who need it, but it is very questionable whether all mothers should be supported at public expense simply because they have dependent children.

Our visitor has procured over three hundred histories for the Board of Health, and settlement of same has been determined by the Secretary of this Board. The sum of four thousand three hundred fifteen dollars and sixty-two cents (\$4,315.62) has been paid to St. Luke's Hospital for the care of the sick poor. During the year 3,227 persons have been aided at different times at an average cost of \$12.41 for the year for each person.

ALMSHOUSE.

During the year two important improvements have been made at the Institution. In November the new men's dormitory was opened for occupancy. This has been equipped in an up-to-date manner, and to-day, New Bedford has an Almshouse dormitory second to none in the State. This has a capacity of sixty beds, and it has been practically full ever since it was opened, demonstrating what this board has contended for two years, that it was greatly needed. We have been greatly handicapped in years gone by, by the lack of a suitable ward to isolate cases of cancer, syphilis and erysipelas. This has been remedied this year by the erection of a small building in the yard west of the Women's Hospital for the care of these cases. It has been equipped with a bath tub, set bowl and toilet, electric lights and steam heat. The heating apparatus was installed by the Almshouse employees under the direction of the Superintendent, and the total cost of the whole plant was less than four hundred dollars. This ward has a capacity of four beds, and while this may not appear to be a very large number, yet the board felt that it was a step in the right direction.

Our ambulance has made approximately 125 runs, one third of these having been for the transportation of Board of Health cases; some to Sassaquin Sanatorium, and others to the Isolation Hospital. This winter has seen more inmates in the Institution than ever before in the history of the city. The average monthly number being 146, and the pro rata cost per inmate \$4.27 weekly.

Certain recommendations as to very much needed repairs have been made to the proper committees, and it is earnestly hoped that the City Council will see their way clear to provide same.

The appended itemized tables under the several heads give full particulars as to the amount expended for each division.

Respectfully submitted,

MANUEL A. ANDREWS, Chairman.

J. CLIFFORD SHERMAN, Secretary.

STANISLAS DESAUTELS.

FINANCIAL STATEMENT.

DR.

To amount of appropriation,	\$60,000.00
Received from State for support of paupers,	7,872.49
Received from cities and towns,	2,997.19
Received from individuals,	1,347.21
Received from sale of hay,	872.11
Received from sale of produce,	1,460.62
Received from Soldiers' Relief,	228.41
	<hr/> \$74,778.03

CR.

MONTHS	Outside Relief	State Institu'ns	Cities and Towns	Alms-house	TOTALS
1912, December	\$2,591.79	\$213.14	\$237.43	\$2,844.45	\$5,886.81
1913, January	2,602.85	105.00	504.83	3,722.84	6,935.52
February	3,418.71		522.88	3,332.21	7,273.80
March	2,551.10	199.43	172.18	2,913.10	5,835.81
April	3,045.32	30.00	240.07	3,391.74	6,707.13
May	2,789.31		45.71	3,116.40	5,951.42
June	3,069.97	277.71		2,489.45	5,837.13
July	2,503.51	150.02	292.91	2,985.55	5,931.99
August	2,937.10		251.78	2,723.85	5,912.73
September	3,244.89	227.99	20.00	3,114.07	6,606.95
October	3,598.31	68.72	38.38	3,111.89	6,827.30
November	4,041.71	8.86	155.88	3,599.22	7,805.67
Totals	\$36,394.57	\$1,280.87	\$2,482.05	\$37,354.77	\$77,512.26

Expended over appropriation \$2,784.23.

EXPENDITURE IN DETAIL FOR OUTSIDE RELIEF, 1913.

Monthly Audits	Groceries	State Institutions	Cities and Towns	Cash Orders	Salaries and Traveling Expenses	Physicians and Medicines	Burials	Boots, Shoes and Clothing	Transportation	Horse and Hire	Stationery and Printing	Board outside Hospitals, etc.	Wood and Coal Yard	Office Expense	Miscellaneous	Totals
1912 December	\$1,078.75	\$213.14	\$237.43	\$57.00	\$460.48	\$227.45	\$127.00		\$30.00	\$1.50	\$36.37	\$366.00	\$161.80	\$45.44		\$3,042.36
1913 January	1,198.50	105.00	504.83	75.00	492.24	244.75	124.00	\$21.35	30.00	2.00	62.79	135.00	160.73	56.49		3,212.68
February	1,429.45		522.88	48.50	490.80	295.10	76.00	5.25	30.25		11.75	502.50	516.50	12.61		3,941.59
March	1,253.50	199.43	172.18	53.50	431.07	243.60	136.00	21.00	10.00		29.84	221.50	131.95	19.14		2,922.71
April	1,323.25	30.00	240.07	73.50	522.13	367.55	145.00	9.25	30.40		45.18	384.05	130.25	14.76		3,315.39
May	1,239.75		45.71	57.50	446.06	219.60	130.00	9.00	67.00		52.40	412.15	132.04	23.81		2,835.02
June	1,099.25	277.71		55.00	438.60	270.75	129.00	6.50	30.00		18.05	797.25	204.10	21.47		3,347.68
July	1,145.00	150.02	292.91	73.50	531.42	245.45	108.00	5.50	15.00	8.90	5.50	239.70	110.55	14.99		2,946.44
August	1,269.25		251.78	44.50	436.18	282.85	236.00	10.85	32.00	1.85	38.56	348.17	122.50	100.17	\$14.22	3,188.88
September	1,606.75	227.99	20.00	41.00	466.90	282.10	166.00	27.75	36.00	2.10	15.30	413.10	107.15	61.93	18.81	3,492.88
October	1,493.00	68.72	38.38	397.00	543.39	305.50	71.00	70.10	35.25	4.00	17.75	511.45	130.58	16.36	2.93	3,705.41
November	1,581.50	8.86	155.88	534.50	432.67	316.67	182.00	45.75	39.70	5.60	5.50	564.75	297.50	12.48	23.09	4,206.45
Totals	\$15,717.95	\$1,280.87	\$2,482.05	\$1,510.50	\$5,691.94	\$3,301.37	\$1,630.00	\$232.30	\$385.60	\$25.95	\$338.99	\$4,895.62	\$2,205.65	\$399.65	\$59.05	\$40,157.49

DETAILED EXPENDITURE AT THE ALMSHOUSE, 1913.

Months	Flour and Grain	Dry Goods and Clothing	Beef and Fish	Groceries	Shoes, Hats and Leather	Furniture & Crockery	Hardware	Fuel	Repairs on Premises	Carriage repairs, Blacksmithing	Supt. Labor and Nursing	Medicines, etc.	Oils and Paints, etc.	Dressing and Ice	Telephone & Lighting	Water and various supplies	Totals
1912																	
December 1913	\$166.90	\$108.80	\$331.91	\$532.02	\$24.64	\$15.30	\$63.97	\$118.84	\$18.83	\$19.90	\$1,060.00	\$226.02	\$47.85		\$63.87	\$45.60	\$2,844.4
January	142.70	31.98	401.07	468.13	23.75	10.51	26.74	900.29	1.72	10.48	1,282.89	76.90	1.75		74.08	269.85	3,722.8
February	66.80	17.40	391.74	632.14	5.83	59.25	3.50	667.05	84.32	21.90	1,050.63	245.20	15.76		8.17	62.52	3,332.2
March	111.90	64.60	370.34	361.52	28.25	4.50	10.22	421.46	126.04	70.13	1,039.25	71.18	11.95	\$49.50	118.10	54.16	2,913.1
April	83.10	134.33	389.39	426.94	4.75	45.23	11.56	275.61	121.06	117.70	1,324.01	103.73	10.87	116.32	54.44	172.70	3,391.7
May	113.95	173.32	375.45	514.01	14.96	36.89	11.14	215.21	34.44	51.40	1,055.60	245.50	93.37	25.22	54.58	101.36	3,116.4
June	72.60	122.32	405.73	468.68	4.10	5.80	32.82		32.05	54.59	1,061.44	71.97	16.01	49.35	42.89	49.10	2,489.4
July	99.10	58.52	435.57	410.03	1.15	31.16	2.85	246.11	57.18	7.23	1,287.11	17.35	18.45	74.11	42.14	197.49	2,985.5
August	126.85	79.75	435.44	386.30	12.90		6.70	98.56	217.33	42.20	1,046.79	94.37	56.95	49.70	17.34	52.67	2,723.8
September	127.10	332.65	414.89	575.79	28.08	6.77	21.80		145.21	21.45	1,037.78	117.45	53.42	49.35	81.67	99.66	3,114.0
October	115.30	110.87	526.01	382.40	35.17		1.75	207.26	114.64	11.61	1,315.11	9.50	18.03	49.00	51.12	174.12	3,121.8
November	117.90	427.71	418.86	455.44	7.35	20.25	18.88	271.80	262.35	27.75	1,083.73	305.15	68.13	8.75	54.17	51.00	3,599.2
Totals	\$1,344.20	\$1,662.25	\$4,896.40	\$5,613.40	\$190.93	\$235.66	\$211.93	\$3,422.19	\$1,215.17	\$456.34	\$13,644.34	\$1,584.32	\$412.54	\$471.30	\$663.57	\$1,330.23	\$37,354.7

STATISTICS OF OUTSIDE RELIEF.

Gross cost of persons outside of Almshouse,	\$40,157.49
Receipts from various sources,	14,778.03
Amount paid persons in various cities and towns chargeable to the city,	2,482.05
Number of families in 1913,	1,021
Number of families settled here,	600
Number of families settled elsewhere,	122
Number of families State paupers,	299
Number of persons in 1913,	3,227
Number of persons settled here,	1,754
Number of persons settled elsewhere,	431
Number of persons State paupers,	1,042
Average cost of aid to each family, yearly,	39.33
Average cost of aid to each person, yearly,	12.41

TRANSPORTATION.

Number of persons sent to their homes,	3
Number of persons sent to State institutions,	87

BURIALS.

Number of persons buried by the City,	176
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PAUPERS AIDED ELSEWHERE

But having settlement here, exclusive of the institutions. Families, 27. Persons, 143.

Amount paid for their support in 1913,	\$2,482.05
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ALMSHOUSE REGISTER.

For the year ending Nov. 30, 1913.

MONTH	ADMITTED	DISCHARGED	REMAINING
December,	17	11	145
January,	20	16	149
February,	18	19	148
March,	22	23	147
April,	24	25	146
May,	19	17	148
June,	18	19	147
July	15	22	140
August,	23	14	149
September,	11	19	141
October,	19	14	146
November.	27	22	151
Totals,	233	221	1757

Number of inmates remaining Nov. 30, 1912,	143
Number admitted during the year,	233
Number discharged during the year,	221
Number remaining Nov. 30, 1913,	151
Average number of inmates monthly,	146

PRODUCTS OF CITY FARM.

Potatoes,	1,520 bushels
Onions,	61 bushels
Turnips,	100 bushels
Carrots,	60 bushels
Tomatoes,	60 bushels
String beans,	15 bushels
Muskmelons,	75 bushels
Green peppers,	1 bushel
Spinach,	40 bushels
Parsnips,	40 bushels
Cabbage,	12,000 heads
Lettuce,	400 heads
Peas,	15 bushels
Radishes,	50 doz. bunches
Rareripe,	1,100 doz. bunches
Table beets,	15,000 lbs
Celery,	2,000 plants
Fodder corn,	2 acres
Sweet corn,	2½ acres
Oats,	2 acres
Hay,	80 tons
Mangles,	40 tons
Calves,	6
Pigs,	95
Milk,	36,000 qts.
Eggs,	200 doz.

REPORT OF THE PHYSICIAN
OF THE
NORTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN :—

During the year ending November 30th, 1913, I have made 815 house visits; received 583 office calls; births, 21; deaths, 9. Visited almshouse four times.

Respectfully submitted,

STANISLAS A. LAMOUREUX, M. D.

REPORT OF THE PHYSICIAN
OF THE
SOUTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN :—

I have made during the year ending November 30th, 1913, 608 house visits; 430 office calls; births, seven; deaths, seven. Visited almshouse four times.

Respectfully submitted,

CLARENCE E. BURT, M. D.

New Bedford, March 17th, 1914.

To the Overseers of the Poor of the City of New Bedford:

GENTLEMEN :—

During the year from December 1st, 1912, to December 1st, 1913, I made 211 visits at the almshouse. Number of births four, number of deaths 41, during the year above mentioned.

Respectfully submitted,

EDWARD T. TUCKER, M. D.

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

April 9, 1914.

Received, ordered printed in the City Documents and
sent down for concurrence.

W. H. B. REMINGTON,
City Clerk.

IN COMMON COUNCIL,

April 9, 1914.

Concurred.

CHARLES P. SAWYER,
Clerk.

ANNUAL REPORT

OF THE

Sealer of Weights and Measures

To the City Council

For the Year Ending Nov. 30, 1913.



NEW BEDFORD :
NEW BEDFORD PRINTING CO., PRINTERS
1914

REPORT OF SEALER OF WEIGHTS AND MEASURES.

NEW BEDFORD, MASS., NOV. 30, 1913.

TO HIS HONOR THE MAYOR AND THE HONORABLE
CITY COUNCIL :—

Gentlemen :—I have the honor to present to you my annual report as Sealer of Weights and Measures Department of the City of New Bedford for the year ending November 30, 1913.

As shown in the report of the department, I have tested, adjusted, sealed or condemned a total of 13,186 scales, balances, weights and measures of all kinds during the year. The department has at all times endeavored to enforce the laws of weights and measures in a reasonable and equitable manner. Dealers and peddlers are, as a rule, complying with the law, and in most cases where the law has been violated, it has been through the ignorance of the party or through the carelessness of some employee.

On account of the interstate commerce law, as well as on account of the unfortunate fact that there is no uniformity of weights and measures of many commodities between the various states, it is impossible to prevent wholesalers from short boxes or other short containers. This works great harm, and is decidedly unfortunate to local manufacturers, packers or producers of various commodities, as for *instance*, raisers of strawberries, etc. I believe, however, that I have been able to stop some of the abuses, and the department will have the support in this work of all honest dealers in the city.

There seems to be an increasing demand for articles put up in packages ready for sale, but as the state has not yet seen fit to enact a law compelling manufacturers, producers and packers

to indicate on the outside of the container the net contents in weight or measure, there is more or less fraud being perpetrated. Although working under adverse conditions on account of the laxity of the laws of the state, I wish to say that while I may not have been entirely successful in making every dealer give 16 ounces to the pound every time, vigilance and activity has certainly restrained tendencies which might have been toward fraud and imposition.

There has been considerable time spent on inspections and test weighings, and this part of the work is among the duties the department is called upon to perform.

The actual condition in regard to honest weight and honest measure can, to a certain extent, be gauged by the number of complaints received, and I take pleasure in stating there have been very few during the year.

I deem it proper to say that the new office furnished to this department, is considered by those who have seen it, and are competent to judge, to be the finest in the State, and it certainly has better facilities for the performance of its duties.

In closing this report, I wish to thank the city officials, the manufacturers and merchants, for the courteous manner in which they have received me in the discharge of my duties.

A detailed report of the work performed, and an inventory of the office is herewith presented.

JOHN H. RYAN,
Sealer of Weights and Measures.

TO THE CITY COUNCIL COMMITTEE ON VALUATION OF
PUBLIC PROPERTY :—

Gentlemen :—The following is an inventory of the property
in the office of the Sealer of Weights and Measures.

STANDARDS.

- 5 Nickel plated weights, 50, 25, 20, 10 and 5 lbs.
- 1 Set of brass avoirdupois weights in box.
- 1 Set of troy.
- 1 Set of apothecary's.
- 1 Standard yard in case, brass.
- 1 Set of copper dry measures (5).
- 1 Set of liquid measures (6).
- 3 Brass hook weights, 16, 8 and 4 lbs.
- 1 Balance made by Henry Troener. All in oak cabinet.

DUPLICATES.

- 50 50-lbs. iron weights.
- 5 Iron weights in box 50, 25, 20, 10, 5 lbs.
- 5 Weights, two 20, two 10, one 5 lbs.
- 3 Sets avoirdupois weights, 4 lbs. to 1-15 oz. Two short.
- 1 Brass yard measure.
- 1 Set copper liquid measures.
- 1 Army and Navy Scale, 600 lbs. capacity.
- 1 Beam try scale and case.
- 1 Even balance in case.
- 2 Brass hooks, 1 lb. and 2 lbs.
- 1 8 oz. glass graduate.
- 1 Combination case.
- 1 Roll top desk.
- 2 Filing cabinets.
- 6 Office chairs.
- 2 Oak filing cases.
- 1 Revolving book case.
- 1 Vise, 1 work bench.
- 1 Basket and tin box; 1 hammer, wrench, stamp; 4 twist drills.
- 4 Iron punches, $\frac{1}{2}$ to $\frac{1}{8}$ inch; lead seals, etc.
- 2 Drilling machines, 6 bits from $\frac{1}{4}$ to 1 inch.

The estimated value of the above named articles is about
twenty-five hundred dollars.

JOHN H. RYAN,
Sealer of Weights and Measures.

REPORT OF SEALER OF WEIGHTS AND MEASURES

FOR THE YEAR ENDING NOVEMBER 30, 1913.

	Scaled	Adjusted	Con- demned	Ordered Repaired	Total
Platform scales over 5,000 lbs.	77	7	2	10	96
Platform scales under 5,000 lbs.	796	122	7	24	949
Platform counter scales	154	16	2	6	178
Hanging computing scales	73	14		6	93
Platform computing scales	235	16	2	11	264
Butchers' meat beam scale	38			1	39
Market scale	3			2	5
Cold storage abbatoir track scale	15	1		2	18
Spring balance scales	659	81	8	41	789
Counter scale	328	50	7	17	402
Ice scale	68	10	4		82
Balance scale	33	8	5	3	49
Cotton beam scale over 1,000 pounds	89	6		16	111
Personal weighing scale	21	12	2	1	36
Oil pumps	90	15	1		106
Molasses pumps	10				10
Weights, correct	5333				5333
Weights, light	254				254
Weights, heavy	69				69
Dry measures	186		7		193
Liquid measures	1566		151		1727
Yard sticks	169		14		183
Ice cream cans	1720		176		1896
Milk jars	265		39		304
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Totals	12,261	358	427	140	13,186
Number of test weighings made in stores of different commodities, beans, tea and coffee					129
Coal re-weighings sold in bags of less than 100 lbs.					260
Inspections of butter and lard					45
Inspections of flour sold in bags					78
Inspections of sugar sold in bags					105
Inspections of scales in stores after scales had been sealed					155
Inspections made in streets of scales and measures used by junk collectors, hawkers and peddlers					140
Number ice cream boxes inspected					165
Number berry boxes inspected					145
Number inspections made on streets of jars on milk teams					117
Work done in office, no charge				\$120.83	
Fees collected and turned over to City Treasurer				992.18	
Fees due the Department, Nov. 30th, 1913				11.00	

**Weights of One Bushel, One Peck, and One Quart of
Certain Vegetables, Etc., as Provided by
the Laws of Massachusetts.**

	1 Bu. Lbs	1 Peck Lbs.	1 Quart Ozs.		1 Bu. Lbs	1 Peck Lbs.	1 Quart Ozs.
Apples	48	12	24	Oats	32	8	16
Apples, Dried	25	6 $\frac{1}{4}$	12 $\frac{1}{2}$	Onions	52	13	26
Barley	48	12	24	Parsley	8	2	4
Beans	60	15	30	Parsnips	45	11 $\frac{1}{4}$	22 $\frac{1}{2}$
Beans, Lima	56	14	28	Peaches	48	12	24
Beans, Shell	28	7	14	Peaches, Dried	33	8 $\frac{1}{4}$	16 $\frac{1}{2}$
Beans, Soy	58	14 $\frac{1}{2}$	29	Peanuts, Green	22	5 $\frac{1}{2}$	11
Beans, Scarlet or White				Peanuts, Roasted	20	5	10
Runner, Pole	50	12 $\frac{1}{2}$	25	Pears	58	14 $\frac{1}{2}$	29
Beans, String	24	6	12	Peas, Smooth	60	15	30
Beans, Windsor (broad)	47	11 $\frac{3}{4}$	23 $\frac{1}{2}$	Peas, Unshelled Green	28	7	14
Beets	60	15	30	Peas, Wrinkled	56	14	28
Beet Greens	12	3	6	Potatoes	60	15	30
Bran and Shorts	20	5	10	Potatoes, Sweet	54	13 $\frac{1}{2}$	27
Buckwheat	48	12	24	Quinces	48	12	24
Carrots	50	12 $\frac{1}{2}$	25	Rice, Rough	44	11	22
Corn, Cracked	50	12 $\frac{1}{2}$	25	Rye	56	14	28
Corn, Indian	56	14	28	Salt, Coarse	70	17 $\frac{1}{2}$	35
Cranberries	32	8	16	Salt, Fine	50	12 $\frac{1}{2}$	25
Dandelions	12	3	6	Seed, Clover	60	15	30
Feed	50	12 $\frac{1}{2}$	25	Seed, Herd Grass	45	11 $\frac{1}{4}$	22 $\frac{1}{2}$
Flaxseed	55	13 $\frac{3}{4}$	27 $\frac{1}{2}$	Seed, Sea Island Cotton	44	11	22
Kale	12	3	6	Seed, Timothy	45	11 $\frac{1}{4}$	22 $\frac{1}{2}$
Lime	70	17 $\frac{1}{2}$	35	Seed, Upland Cotton	30	7 $\frac{1}{2}$	15
Meal (except Oatmeal)	50	12 $\frac{1}{2}$	25	Spinach	12	3	6
Meal, Corn	50	12 $\frac{1}{2}$	25	Tomatoes	56	14	28
Meal, Rye	50	12 $\frac{1}{2}$	25	Turnips	55	13 $\frac{3}{4}$	27 $\frac{1}{2}$
Millet, Japanese	35	8 $\frac{3}{4}$	17 $\frac{1}{2}$	Wheat	60	15	30

BARREL

Flour	196	pounds
Potatoes	165	pounds
Potatoes, Sweet	150	pounds
Liquid Barrel	31 $\frac{1}{2}$	gallons
Hogshead	2	barrels

Violations of the laws should be reported at once to Sealer of Weights and Measures, Municipal Building, Pleasant Street.

JOHN H. RYAN.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

March 26, 1914.

Received, ordered printed in City Documents and sent down
for concurrence.

W. H. B. REMINGTON, *City Clerk*.

IN COMMON COUNCIL,

March 26, 1914.

Concurred.

CHARLES P. SAWYER, *Clerk*.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

CITY OF NEW BEDFORD

For the Year 1913

NEW BEDFORD :
NEW BEDFORD PRINTING CO., PRINTERS
1914

IN SCHOOL COMMITTEE,

DECEMBER 26, 1913.

Voted. That the Superintendent and Secretary prepare the Annual Report of the School Board for the year 1913, and that 1500 copies of the same be printed.

Report of the Secretary.

By direction of the School Committee, I submit to our fellow citizens the following report for the year 1913.

STATISTICS.

I. POPULATION AND VALUATION.

The population of the city (census of 1890) was	40,705
The population of the city (census of 1895) was	55,251
The population of the city (census of 1900) was	62,442
The population of the city (census of 1905) was	74,321
The population of the city (census of 1910) was	96,652
Valuation of the taxable property (1913) was	\$104,935,228.00
School houses and lots,	2,475,000.00
Other school property,	221,858.04

II. APPROPRIATION.

Rate of taxation,	\$20.20
Amount for school purposes, not including new buildings,	445,746.00

III. SCHOOL CENSUS.

School census, October, 1912 (children between five and fifteen years of age),	16,905
School census, October, 1913 (children between five and fifteen years of age),	18,226
Increase as shown by the returns,	1,321

SCHOOL CENSUS BY WARDS.

	1912.	1913.	Increase
Ward One,	5,442	6,028	586
Ward Two,	2,188	2,229	41
Ward Three,	1,020	1,243	223
Ward Four,	1,251	1,284	33
Ward Five,	1,817	1,915	98
Ward Six,	5,187	5,527	340
Totals,	16,905	18,226	1,321

Location of children between five and fifteen years of age, as to school attendance, as reported by the census enumerators.

	Attending Public Schools	Attending Private Schools	Attending No Schools
Ward One,	3,175	1,849	1,004
Ward Two,	1,304	696	229
Ward Three,	935	200	108
Ward Four,	989	231	64
Ward Five,	1,653	111	151
Ward Six,	4,054	978	495
Totals,	12,110	4,065	2,051

Children reported as attending no school are presumably those who are between five and seven years of age, and those over fourteen.

Census record, October, 1913 (children between five and fifteen years of age not attending school).

	Number Under 7 Years.	Number Over 14 Years.
Ward One,	635	318
Ward Two,	148	69
Ward Three,	83	29
Ward Four,	51	12
Ward Five,	123	10
Ward Six,	192	305
	1,232	743

Census record, October, 1913 (children between seven and fourteen years of age not attending school).

	Reported Out With Satisfactory Excuses.	Reported Out Without Satisfactory Excuses.
Ward One,	26	88
Ward Two,	8	3
Ward Three,	6	7
Ward Four,	3	3
Ward Five,	12	15
Ward Six,	2	2
	57	118

Of the 118 reported out *without* satisfactory excuses the attendance officers have found out that

- 75 are in school.
- 13 are about to enter.
- 8 are under 7 years of age.
- 1 is over 14 years of age.
- 16 have either moved away or have not been located.
- 5 are too ill to be in school.

118

IV. SCHOOL ORGANIZATION, JUNE 27, 1913.

High School,	1
Grammar schools,	5
Mixed schools—Grammar, Primary, and Ungraded,	9
Primary schools,	14
Suburban schools,	2
Cooking schools,	2
Manual Training schools,	3
	<hr/>
	35

V. SCHOOL BUILDINGS, JUNE 27, 1913.

Permanent schoolhouses,	32
Portable schoolhouses,	13
	<hr/>
	45

VI. SEATS, JUNE 27, 1913.

	Seats Occupied.	Seats Unoccupied.
High school,	756	93
Elementary schools,	10,685	3,123
	<hr/>	<hr/>
Totals,	11,441	3,216

VII. TEACHERS.

Whole number in service, January 1, 1914.

High school: 33 teachers, 1 military instructor, 1 clerk,	35
Elementary schools,	333
Special teachers,	18
School nurses,	3
Evening High school,	13
Evening Elementary schools,	95
	<hr/>
Total,	497

PUBLIC SCHOOLS.

	1912	1913		
Enrollment of pupils,	13,188	13,718	increase	530
Average number belonging,	11,295	11,874	increase	579
Average daily attendance,	10,687	11,210	increase	523
Per cent. of attendance,	94.6	94.35	decrease	.25
Number cases of tardiness,	12,208	10,938	decrease	12.70
Number cases absence,	217,397	239,731	increase	22,334
Number cases dismissal,	4,505	5,244	increase	739

PRIVATE AND PAROCHIAL SCHOOLS.

	1912	1913		
Enrollment of pupils,	4,322	4,131	decrease	191
Average number belonging,	3,908	3,804	decrease	104
Average daily attendance,	3,678	3,582	decrease	96
Per cent. daily attendance,	94.1	94.1		

PUBLIC, PRIVATE, AND PAROCHIAL SCHOOLS.

	1912	1913		
Enrollment of pupils,	17,510	17,849	increase	339
Average number belonging,	15,203	15,678	increase	475
Average daily attendance,	14,365	14,792	increase	427
Per cent. daily attendance,	94.5	94.23	decrease	.27

TABLE I.

The cost of instruction per scholar is based on the average number belonging and the total amount expended for the maintenance of each department, not including the expenditures from the Sylvia Ann Howland Educational Fund or Dog Fund, during the year.

High school,	86.62
Elementary schools,	32.65
Evening Elementary schools,	6.15
Evening High school,	9.30
Day school,	35.85

RECEIPTS AND EXPENDITURES.

1912—1913.

Summary.

Total appropriations, general and subsequent,	\$469,810.75
Total expenditures,	460,841.40

Balances unexpended,	\$8,969.35
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RECEIPTS—APPROPRIATION FROM CITY COUNCIL.

General appropriations, etc.:		
Teachers' salaries,		\$325,946.00
Incidentals—Appropriation,	\$110,300.00	
	1,500.00	108,800.00
Repairs—Appropriation,	\$6,000.00	
Transfer from Incidentals,	1,500.00	7,500.00
Playgrounds,		3,500.00
Balance special appropriations from 1912:		
New High school furnishings,		22,317.37
Betsey B. Winslow school furnishings,		1,747.38
Total,		\$469,810.75

EXPENDITURES—MONEY RAISED BY TAXATION.

For teachers' salaries:		
Day schools,	\$318,798.66	
Evening schools,	8,470.50	
		\$327,269.16
For incidentals:		
Salaries: Supt. and Sec., Prim. Supervisor, Inspec. School Property, clerks, truant officers, and janitors,	\$52,498.24	
Books and supplies,	15,874.67	
Janitors' supplies,	2,156.04	
Fuel,	19,717.50	
Lighting,	1,529.15	
Water rates,	3,680.33	
Printing and advertising,	1,210.09	
Freight and carting,	611.81	
Transportation,	1,014.40	
Cooking school,	689.42	
Manual Training school,	658.80	
Bristol County Training school,	335.75	
Miscellaneous expenses (furniture, telephones, boiler insurance, etc.),	2,734.36	
		\$102,710.56
For repairs of buildings,		7,227.44
For furnishing new buildings,		20,138.39
Playgrounds,		3,495.85
Total		\$460,841.40

Balances Unexpended.

Transferred to unappropriated funds,	\$6,705.67
Special appropriations carried forward to 1914,	2,263.68
	<hr/>
Total,	\$8,969.35

Receipts from other sources, paid to City Treasurer and credited to unappropriated funds:

For tuition non-resident pupils,	\$1,845.75	
For tuition State Charity pupils,	122.50	
For sale of books and supplies,	101.29	
For discarded books, old furniture, junk, etc.,	244.12	
	<hr/>	\$2,313.66

Income from Trust Funds, etc.

S. A. Howland Educational Fund,	\$5,553.86	
Jonathan Bourne Prize Fund,	60.00	
Dog Fund,	3,834.49	
	<hr/>	\$9,448.35

1913.**SYLVIA ANN HOWLAND EDUCATIONAL FUND.**

Balance of income on hand Dec. 2, 1912,	\$2,553.86	
Interest for the year,	3,000.00	
	<hr/>	\$5,553.86
Expenditures for the year,		1,995.21
		<hr/>
Balance, Nov. 29, 1913,		\$3,558.65

1913.**JONATHAN BOURNE PRIZE FUND.**

Interest for the year,	\$60.00
Expenditures for prizes,	60.00

1913.**DOG FUND.**

Balance, Dec. 2, 1912,	\$1,471.88	
Received, 1913,	2,362.61	
	<hr/>	\$3,834.49
Expenditures for the year,		1,755.14
		<hr/>
Balance, Nov. 29, 1913,		\$2,079.35

SUMMARY OF RECEIPTS AND EXPENDITURES BY
DEPARTMENTS.**Receipts—1913.**

General appropriations, etc.,	\$469,810.75
Stock on hand Dec. 2, 1912,	2,618.02
S. A. Howland Educational Fund,	5,553.85
Dog Fund,	3,834.49
Jonathan Bourne Prize Fund,	60.00
Tuition of non-resident pupils and sales,	2,212.37
	<hr/>
	\$484,089.50

Expenditures—1913.

High school,	\$61,685.03	
Elementary schools,	359,301.28	—
Manual Training school (sloyd),	4,644.59	
Manual Training school (cooking),	2,146.69	
Playgrounds,	3,495.85	
Summer classes,	657.90	
Evening High school,	2,230.99	
Evening Elementary schools,	7,972.34	
Sale of books and supplies,	101.29	
Old High school,	435.74	
Lectures,	429.88	
Expense of taking school census,	616.00	
High school furnishings,	20,053.69	
Betsey B. Winslow school furnishings,	84.70	
	<hr/>	
	\$463,854.97	
Stock on hand Nov. 29, 1913, books and supplies,	3,414.81	
Tuition of non-resident pupils and sales,	2,212.37	

BALANCES.

Howland Educational Fund,	\$3,558.65
Dog Fund,	2,079.35
High school furnishings,	2,263.68
Betsey B. Winslow school, furnishings,	1,662.68
Incidentals,	4,766.28
Repairs of buildings,	272.56
Playgrounds,	4.15
	<hr/>
	\$484,089.50

DETAILED STATEMENT.

High school:		
Salaries: Teachers, regular,	\$38,892.05	
Salaries: Teachers, special and super- vising,	1,810.00	
Salaries: Clerk,	591.00	
Salaries: Janitors,	8,884.62	
Fuel,	2,093.98	
Lighting,	85.28	
Water rates,	537.52	
Books,	3,066.21	
Stationery supplies,	2,442.89	
Janitors' supplies,	229.08	
Furniture,	28.00	
Miscellaneous,	753.09	
Proportion of general expenses,	1,038.80	
Repairs, ordinary and alterations,	441.72	
Bourne Prize Fund—Essays,	60.00	
Dog Fund—supplies,	410.02	
Howland Fund—supplementary books, and supplies,	320.77	
		\$61,685.03
Elementary schools:		
Salaries: Teachers, regular,	\$258,601.10	
Salaries: Teachers, special and super- vising,	12,716.76	
Salaries: Janitors,	27,331.21	
Fuel,	17,538.04	
Lighting,	994.05	
Water rates,	3,083.28	
Transportation,	1,254.40	
Books,	4,313.11	
Stationery supplies,	4,792.17	
Sewing supplies,	194.96	
Janitors' supplies,	1,837.76	
Furniture,	766.05	
Insurance on boilers,	90.00	
Miscellaneous,	731.51	
Proportion of general expenses,	16,318.48	
Repairs, ordinary,	6,776.72	
Dog Fund—supplies,	716.12	
Howland Fund—supplementary books and supplies,	1,245.56	
		\$359,301.28

Manual Training---Sloyd:

Salaries: Teachers,	\$3,945.25	
Stationery supplies,	32.77	
Janitors' supplies,	7.77	
Tools, lumber, etc.,	658.80	
	<hr/>	\$4,644.59

Manual Training---Cooking:

Salaries: Teachers,	\$1,420.00	
Stationery supplies,	24.32	
Janitors' supplies,	12.95	
Groceries, fuel, etc.,	689.42	
	<hr/>	\$2,146.69

Playgrounds:

Salaries: Teachers,	\$2,729.50	
Salaries: Janitors,	275.00	
Apparatus and supplies,	352.33	
Miscellaneous,	139.02	
	<hr/>	\$3,495.85

Summer classes:

Salaries: Teachers,	\$562.50	
Salaries: Janitors,	75.00	
Stationery supplies,	20.40	
	<hr/>	\$657.90

Evening High:

Salaries: Teachers,	\$2,109.00	
Printing and advertising,	26.37	
Stationery supplies,	45.62	
Proportion of general expenses,	50.00	
	<hr/>	\$2,230.99

Evening Elementary schools:

Salaries: Teachers,	\$6,361.50	
Salaries: Janitors,	559.00	
Books,	65.93	
Stationery supplies,	46.70	
Lighting,	416.68	
Printing and advertising,	122.53	
Proportion of general expenses,	400.00	
	<hr/>	\$7,972.34

Sale of books and supplies,	\$96.05	
Sale of janitors' supplies,	5.24	
	<hr/>	\$101.29

Old High school:

Salaries: Janitor,	\$224.90	
Fuel,	85.48	
Lighting,	33.14	
Water rates,	59.53	
Miscellaneous,	10.09	
Repairs, ordinary,	9.00	
Proportion of general expenses,	.60	
Dog Fund, supplies,	13.00	
	<hr/>	\$435.74

For all departments:

Howland Fund: Lectures, etc.,	\$428.88	
Dog Fund: Expense of taking census, October, 1913,	616.00	
	<hr/>	\$1,044.88

Special appropriations:

High School furnishings,	\$20,053.69	
Betsey B. Winslow school furnishings,	84.70	
	<hr/>	\$20,138.39

Total expenditures,		<hr/>	\$463,854.97
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Stock on hand, Nov. 29, 1913, books and supplies,	\$2,742.64
Stock on hand, Nov. 29, 1913, janitors' supplies,	672.17
Balances carried forward to 1914:	
S. A. Howland Educational Fund,	3,558.65
Dog Fund,	2,079.35
High school furnishings,	2,263.68
Betsey B. Winslow school furnishings,	1,662.68
Balances transferred to unappropriated funds:	
Incidentals,	4,766.28
Repairs of buildings,	272.56
Playgrounds,	4.15
Tuition from non-resident pupils, and sales,	2,212.37
	<hr/>
	\$484,089.50

SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand, Dec. 2, 1912,	\$2,553.86
Interest for the year,	3,000.00
	<hr/>
	\$5,553.86
Expenditures for the year,	1,995.21
	<hr/>
Balance, Nov. 29, 1913,	\$3,558.65

DETAILED STATEMENT.

Outlay of the School Committee from the income of the Sylvia Ann Howland Educational Fund, from Dec. 2, 1912, to Nov. 29, 1913.

Books and periodicals,	\$1,435.20
Art department,	15.45
Music department,	104.28
Lectures,	44.15
Miscellaneous,	396.13
	<hr/>
Total,	\$1,995.21

Disbursements to the several schools and otherwise, are as follows:

101. High school,	\$320.77
302. Parker Street Grammar school,	57.56
303. Hosea M. Knowlton Grammar school,	72.63
304. Middle Street Grammar school,	53.97
305. Fifth Street Grammar school,	34.60
306. Robert C. Ingraham Grammar school,	38.71
350. John H. Clifford, Mixed school,	11.45
351. Thomas Donaghy, Mixed school,	32.45
352. William H. Taylor, Mixed school,	23.83
353. James B. Congdon, Mixed school,	35.91
354. Thomas R. Rodman, Mixed school,	37.32
355. Jireh Swift, Mixed school,	30.53
356. Abraham Lincoln, Mixed school,	135.92
357. Betsey B. Winslow, Mixed school,	301.01
358. Harrington Memorial, Mixed school,	20.52
401. Phillips Avenue Primary school,	18.10

402.	Cedar Grove Street Primary school,	47.74
403.	Clark Street Primary school,	27.98
404.	Merrimac Street Primary school,	20.83
405.	Mary B. White Primary school,	9.40
406.	Horatio A. Kempton Primary school,	30.55
407.	Cedar Street Primary school,	26.10
409.	Sylvia Ann Howland Primary school,	3.65
410.	Thomas A. Greene Primary school,	10.15
411.	Acushnet Avenue Primary school,	47.22
412.	Thompson Street Primary school,	50.51
413.	Isaac W. Benjamin Primary school,	4.65
414.	Dartmouth Street Primary school,	11.55
415.	George H. Dunbar Primary school,	41.43
605.	Plainville school,	3.17
606.	Rockdale school,	6.12
	Office,	1.00
	Lectures,	44.15
	Miscellaneous,	383.73
		<hr/>
		\$1,995.21

TEXT BOOKS, STATIONERY AND JANITORS' SUPPLIES.

STATEMENT FOR 1913.

Dr.

	Purchased in 1913	Stock Nov. 30, 1912	TOTALS	
Books,	\$7,827.10	\$733.64	\$8,560.74	
Stationery Supplies,	8,047.57	1,275.46	9,323.03	
Janitors' Supplies,	2,156.04	608.93	2,764.97	
	\$18,030.71	\$2,618.03	\$20,648.74	

Cr.

	Charged to Schools, 1913	Stock Nov. 29, 1913	Cash receipts, 1913	TOTALS
Books,	\$7,445.25	\$1,028.39	\$87.10	\$8,560.74
Stationery Supplies,	7,599.83	1,714.25	8.95	9,323.03
Janitors' Supplies,	2,087.56	672.17	5.24	2,764.97
	\$17,132.64	\$3,414.81	\$101.29	\$20,648.74

The cost in detail of text books, regular supplies and janitors' supplies furnished the several schools for the year 1913, is as follows:

	Books.	Regular Supplies.	Janitors' Supplies.	Total.
101. High school,	\$3,065.21	\$2,440.89	\$227.08	\$5,733.18
Elementary Schools:				
302. Parker Street,	184.38	130.34	45.99	360.71
303. H. M. Knowlton,	418.21	311.53	81.11	810.85
304. Middle Street,	282.24	136.64	34.83	453.71
305. Fifth Street,	346.20	162.42	43.91	552.53
306. R. C. Ingraham,	433.93	257.93	98.85	790.71
350. J. H. Clifford,	130.17	154.76	86.33	371.26
351. Thomas Donaghy,	214.11	267.31	102.37	583.79

352.	W. H. Taylor,	163.11	245.45	85.04	493.60
353.	J. B. Congdon,	563.63	297.88	97.03	958.54
354.	T. R. Rodman,	71.09	150.52	73.40	295.01
355.	Jireh Swift,	126.18	155.80	60.24	342.22
356.	Abraham Lincoln,	286.36	442.09	110.79	839.24
357.	B. B. Winslow,	188.82	196.10	52.56	437.48
358.	Harrington Memorial	101.97	102.40	68.18	272.55
401.	Phillips Avenue,	47.09	95.80	39.32	182.21
402.	Cedar Grove Street,	41.95	190.79	103.37	336.11
403.	Clark Street,	3.30	89.11	43.77	136.18
404.	Merrimac Street,	10.72	61.86	30.61	103.19
405.	M. B. White,	3.88	19.71	26.31	49.90
406.	H. A. Kempton,	35.17	54.66	58.23	148.06
407.	Cedar Street,	43.00	65.25	22.13	130.38
409.	S. A. Howland,	14.04	65.52	31.83	111.39
410.	T. A. Greene,	70.04	130.46	61.28	261.78
411.	Acushnet Avenue,	55.11	133.86	135.68	324.65
412.	Thompson Street,	206.61	178.09	49.25	433.95
413.	I. W. Benjamin,	190.04	214.10	69.15	473.29
414.	Dartmouth Street,	13.51	77.51	58.94	149.96
415.	G. H. Dunbar,	42.19	124.43	42.24	208.86
605.	Plainville,	7.94	5.30	3.38	16.62
606.	Rockdale,	13.94	16.66	5.26	35.86
	Manual Training,		32.77	7.77	40.54
	Cooking,		24.32	12.95	37.27
	Sewing,		194.96		194.96
	Summer Classes,		20.40		20.40
	Playgrounds,		.38		.38
	Special Classes:				
	Thomas Donaghy,		49.17		49.17
	Harrington Memorial,		61.50		61.50
	Cedar Grove Street,		40.79		40.79
	S. A. Howland,		84.09		84.09
802.	Evening High School,		45.62		45.62
	Evening Elementary Schools:				
803.	H. M. Knowlton,	13.24	15.02		28.26
804.	Abraham Lincoln				
805.	Parker Street,	4.16	7.32		11.48
806.	Fifth Street,	10.50			10.50
807.	R. C. Ingraham,	20.80	16.83		37.63
808.	Thomas Donaghy,	17.23	7.53		24.76
	Office,	5.18	23.96	18.38	47.52
	Sales,	87.10	8.95	5.24	101.29
	Stock,	1,028.39	1,714.25	672.17	3,414.81
		<hr/>	<hr/>	<hr/>	<hr/>
		\$8,560.74	\$9,323.03	\$2,764.97	\$20,648.74

The average cost per pupil in the different departments of the schools, for text books and supplies, has been as follows:

High school,	\$7.84
Elementary schools,	.84
Average for day schools,	1.25
Average for Evening Elementary schools,	.09
Average for Evening High school,	.19

DEPARTMENT OF PUBLIC SCHOOLS.

For the year beginning Sept. 4, 1912, ending June 27, 1913.

	Total Membership		Average Membership	Average Daily Attendance	Per cent. of Attendance	No. Sessions
	Boys	Girls				
High,	295	368	703	680	96.4	194
Elementary,	6,642	6,413	11,171	10,530	94.2	381
Manual Training,	1,299		1,207	36	97.	
Cooking,		710	660	65	96.7	
EVENING SCHOOLS:						
High,	231	211	240	174	72.7	58
Elementary,	1,624	726	1,297	1,077	83.	39

AVERAGE AGE OF PUPILS IN VARIOUS GRADES.
June 27, 1913.

HIGH SCHOOL.

	Yrs.	Mos.
Senior	17	10
Junior II	16	11
Junior I	16	
Sophomore II	15	2
Sophomore I	14	11
Freshmen II	15	5
Freshmen I	14	6
Average for school	15	9

ELEMENTARY SCHOOLS.

	Yrs.	Mos.
Grade VIII. A	14	8
Grade VIII. B	14	1
Grade VII. A	13	6
Grade VII. B	13	2
Grade VI. A	12	9
Grade VI. B	12	7
Grade V. A	12	
Grade V. B	11	6
Grade IV. A	11	
Grade IV. B	11	1
Grade III. A	10	4
Grade III. B	9	8
Grade II. A	9	
Grade II. B	8	9
Grade I. A	7	9
Grade I. B	7	1
Sub-Primary	6	1
Kindergarten	5	7
Ungraded	12	4
Special Classes	11	11
Disciplinary	12	9
Average for elementary schools	10	9

AGE AND SCHOOLING CERTIFICATES.

There were issued from the office of the Superintendent of Schools for the year 1913 the following age and schooling certificates:

	Under Old Law.	Under *New Law.	In 1912.
To minors between 14 and 16 years of age	976	1,539	1,619
To literate minors between 16 and 21 years of age	302	4,753	632
To illiterate minors between 16 and 21 years of age	426	1,286	912
Total	1,704	7,578	
Duplicates—Between 14 and 16...	49		
Duplicates—Between 16 and 21 literate	70		
Duplicates—Between 16 and 21 illiterate	15		
Exchanges—Between 14 and 16...		167	
Exchanges—Between 16 and 21, literate		501	
Exchanges—Between 16 and 21, illiterate		219	
Special vacation certificates, be- tween 14 and 21		33	
Duplicates—Between 16 and 21, literate		2	
Duplicates—Between 16 and 21, illiterate		1	
Permits (to work until statement of birth may be procured)		48	
Home permits		30	
Grand total	1,838	8,579	

*The new labor law became operative in September, 1913.

REPORT OF ATTENDANCE OFFICERS. From September, 1912, to June, 1913.

	Ralph Covill.	John S. Silvia.	Francis N. Howes.
Schools visited,	1,592	1,607	2,454
Absences of pupils reported by teacher,	1,228	1,096	1,179
Absences of pupils without permission of parents,	71	47	37
Second offenses,	25	17	10
Third offenses,	12	11	4
Parents and guardians notified,	1,381	1,131	1,212
Pupils returned to school from street,	88	41	71
Arrests,	1	3	—
Prosecutions,	1	3	—
Placed on probation,	—	—	—
Sentenced to Training school,	1	3	—
Visits to mills,	96	96	89
Violations of labor laws,	22	27	12
Transfer cards received,	671	623	784
Evening school absences reported and investigated,	61	78	67
Posters carried out,	262	180	153
Enrollment cards carried out,	565	200	211
Visits to mercantile establishments,	39	36	69
Notices carried to schools,	717	833	1,287
Cases of tardiness investigated,	19	29	24

GRADUATES. 1913.

High School.

G. Walter Williams, Principal.

	Boys.	Girls.
College and General Courses,	16	27
Commercial Courses,	5	10
Partial Courses,	9	18
	<hr/> 30	<hr/> 55

Grammar Schools.

Parker Street—Arthur F. Gilbert, Principal,	38	41
Hosea M. Knowlton—Edward B. Gray, Principal,	15	30
Middle Street—Elwyn G. Campbell, Principal,	38	32
Fifth Street—Allen F. Wood, Principal,	27	31
Robert C. Ingraham—Alice C. Munsey, Principal,	27	22
James E. Congdon—Raymond H. Cook, Principal,	15	19
Thomas R. Rodman—Sarah A. Russ, Principal,	10	19
Jireh Swift—Louis D. Cook, Principal,	11	17
Rockdale—Emma G. Casey, Principal,	2	1
	<hr/> 183	<hr/> 212

PUPILS ENTERING THE HIGH SCHOOL—SEPTEMBER, 1912.

	Boys.	Girls.	Total.
From New Bedford schools,	63	81	144
From other schools in city,	2	3	5
From schools out of city,	6	6	12
	<hr/> 71	<hr/> 90	<hr/> 161

PUPILS ENTERING—FEBRUARY, 1913.

	Boys.	Girls.	Total.
From New Bedford schools,	79	95	174
From other schools in city,	1	2	3
From schools out of city,	3	—	3
	<hr/> 83	<hr/> 97	<hr/> 180

1827—1913.

NEW BEDFORD HIGH SCHOOL.

GRADUATION EXERCISES.

HIGH SCHOOL AUDITORIUM,

FRIDAY, JUNE 27, 1913, AT 2.30 P. M.

PROGRAMME.

-
1. March Militaire. "Army and Navy." - *Brahm*
High School Orchestra—Clarence W. Arey, Director.
 2. Prayer
Reverend Frank H. Peters, D. D.
 3. Salutatory
Alberta May Knox.
 4. Essay—A Dream Tapestry
Gertrude Wilson.
Music composed and played by Louise Coggeshall.
 5. Selection from Opera "Die Schatzchen" - - -
- - - - - *Victor Herbert*
High School Orchestra.
 6. Essay—Should the United States Subsidize a
Merchant Marine?
Fred Bulcock.
 7. Violin Solo. Concerto in D Minor - *Vieuxtemps*
Andante
Moderato
Adagio Religioso
Robert Alexander Gundersen.
 8. Essay—The Relation of the Arctic Ice-Cap to the
Mills and Whaleships of New Bedford
Loretta May Littlewood.

9. Essay—The Moving Picture in Science and in Education
Gilbert Frederick Hart.
10. Valse de Concert. "Zeona" - - - Arnold
High School Orchestra.
11. Valedictory—"Follow the Gleam"
Gladys Blackmer.
- Owing to the illness of Grace Alvira Brownell, the valedictorian of the class, Gladys Blackmer, the third in rank, is substitute valedictorian.
12. Awarding of Diplomas, Certificates, and Bourne Prizes
Allen P. Keith,
Superintendent of Schools
13. Singing of Class Ode.

CLASS ODE.

Words by Gladys Blackmer.
Music by Alice Ellen Silvia.

Now we stand upon life's threshold,
Looking backward through the years
Of our school days—happy memories
Of our varied joys and fears!
And we thank you, Alma Mater,
For your ever watchful eye,
Which has guarded and directed
Toward ambition's goal on high.

Alma Mater, you have opened
Wide for us a treasure store,
And from out its rich abundance
Have we wealth for evermore.
We have found there honor's diadem,
Wisdom's ruby, hope's bright star,
And the jewelled chain of friendship,
Which no fate shall break or mar.

Thus we stand before the entrance,
At the open door of life,
With its mingled bliss and sorrow,
With its struggle and its strife;
But Success stands always beck'ning
To the steadfast and the true;
We shall conquer, Alma Mater,
Through the precepts taught by you.

As we pause before this portal,
Linger with a faint regret,
Let us turn our faces forward,
And these precepts ne'er forget.
Let us turn our faces upward
Whence that glimmering light doth stream;
Make our lives sincere and noble,
Brightened by the guiding Gleam.

WINNERS OF THE JONATHAN BOURNE PRIZES.

First Prize, Essay—"The World Is All Before Us."

ELVIRA AMELIA SYLVIA

Second Prize, Essay—"Old Dartmouth Historical Society."

GERTRUDE WILSON

Third Prize, Essay—"Things Worth While."

ALBERTA MAY KNOX

CLASS OF 1913.

"FOLLOW THE GLEAM."

CANDIDATES FOR DIPLOMAS.

College Preparatory Course.

With Highest Credit.

Gladys Blackmer	Elvira Amelia Sylvia
Grace Alvira Brownell	Gertrude Wilson
Alberta May Knox	

With Credit.

Robert Alexander Gundersen	Mary Louise Eulalia Francis
Frank Austin Hamilton	Winifred Helena Lawlor
Gilbert Frederick Hart	Carrie Evelina Sinclair Lee
Mildred Louise Bailey	Helen Herschel Sherman

Harry Abramson	Edmund Andrew Pierce
George Leonard Brownson, Jr.	William Matthew Walsh
Howard Peirce Davis	Edward Thurston Wilson
Wendell Bradford Ford	Charles Augustus Wood
Frederic Leslie Ford	May Fisher Ashley
Clifford Burton Kilburn	Flora Mary Caouette
Charles Saul Lipchitz	Irene Borden Carpenter Gray
Joseph Tucker Mosher	

General Course.

With Highest Credit.

May Estelle Hurley	Gladys Elizabeth Keen
--------------------	-----------------------

With Credit.

Dudley Chase Hathaway	Loretta May Littlewood
Ellen Pearl Baker	Annie Sibor
Mabel Isabella Borden	Alice Ellen Silvia

Ruby Bentley	Annie Mechaber
Alice Elizabeth Finnell	Estrella Martin Nunes
Edna Doane Hawes	Olive Anna Williams
Isabel Everildis Kerrigan	

Commercial Course.

With Credit.

Fred Bulcock
Lottie Elrena Cobb

Marjorie Hathaway
Effie Eloise Tripp

Harry Gerstein
Homer Bryant Gooding
Clinton Alcorn Johnson
Joseph Perry Ponte, Jr.
Gertrude Loring Bates
May Catherine Diamond

Lucy Elizabeth Dias
Anna Margaret Doran
Florence Howard Neagus
Mary Olinda Raposa
Lena Helen Wyse

CANDIDATES FOR CERTIFICATES.

	Credits.
Anthony Valadan	73.5
Andrew Gray Perkins	73
Mildred Leonard Russell	73
Clifford Augustus Backus	72.5
Lillian Matthews	71.5
Dawn Emily Buffington	70.5
Ruth Marguerite Fortin	69.5
Raymond Birch Hindle	69
Elise Martha Brightman	65
Harold Bennett Sturtevant	64.5
Helen Faunce	64
Sylvia Howland Frost	64
Beatrice Alice Fernley	62
Louise Coggeshall	60
Elsie Woodrina Hopkinson	59.5
Helen Elizabeth Smith	59.5
Chester Wing Dahl	59
David Gifford Chadwick	55
Margaret Vieira	54.75
Mary Rosamond Grace	54.25
Archibald Roderick Campbell	53
Sadie Allen	51.5
Rosa Goldstein	50
Bernice Croshere	48
Benjamin Mechaber	46
Elsie May Morse	43.25
Elizabeth Dean Swift (2 years)	28.75

GRADUATES OF NEW BEDFORD INDUSTRIAL SCHOOL.

James Clifton Archer,	Machine Shop Practice
Robert Orr Burns, Jr.,	Machine Drafting
Walter Swain Cook,	Machine Shop Practice
Andrew Harvey Gardner,	Carpentry
Paul Winsor Glass,	Electricity
Henry Booth Martin,	Electricity
Henry Coe Nelson,	Machine Drafting
Harry Everett Rowand,	Electricity
Antone Sylvia, Jr.,	Electricity

DEPARTMENT OF PUBLIC SCHOOLS.

Brief description of the schoolhouses, with their accommodations and conditions.

NAME OF SCHOOL	LOCATION	Material	No. of stories	No. of school-rooms	No. of assembly halls	No. of sittings	Year completed	Estimated value
101 High.	County st., between Court and Morgan sts.	Brick	3	24	3	1000	1912	\$700,000
302 Parker Street.	Parker st., near County st.	Brick	3	12	1	562	1852	86,379
303 Hosea M. Knowlton.	Cor. County and Coggeshall sts.	Brick	3	16	1	796	1906	105,787
304 Middle Street.	Summer st., between Elm and Middle sts.	Brick	3	9	1	498	1844	35,035
305 Fifth Street.	Cor. Pleasant and Russell sts.	Brick	3	10	1	490	1860	35,898
306 Robert C. Ingraham.	Rivet st.	Brick	3	12	1	575	1901	88,157
350 John H. Clifford.	Coggeshall st.	Brick	3	12	1	532	1901	84,525
351 Thomas Donaghy.	South st.	Brick	2	12	1	615	1905	82,639
352 William H. Taylor.	Brock ave.	Brick	2	12	1	590	1898	79,000
353 James B. Congdon.	Hemlock st., cor. Thompson st.	Brick	3	16	1	779	1908	123,039
354 Thomas R. Rodman.	Mill st., cor. Rockdale ave.	Brick	3	10	1	435	1908	85,613
355 Jere Swift.	Lunds Corner.	Brick	3	10	1	466	1909	81,117
356 Abraham Lincoln.	Cor. Bowditch and Glennon sts.	Brick	3	20	1	980	1911	102,082
357 Betsey B. Winslow.	Allen st.	Brick	3	12	1	600	1912	85,000
358 Harrington Memorial.	Cor. Court and Tremont sts.	Brick	3	10	1	480	1889	54,503
401 Phillips Avenue.	Phillips ave.	Brick	2	8	1	364	1897	47,561
402 Cedar Grove Street.	Cedar Grove st.	Brick	3	15	1	631	1883	35,932
403 Clark Street.	Clark st.	Brick	2	8	1	372	1897	37,847
404 Merrimac Street.	Merrimac st.	Brick	2	6	1	261	1857	18,113
405 Mary B. White.	Cor. Pleasant and Maxfield sts.	Brick	2	4	1	195	1881	25,068
406 Horatio A. Kempton.	Shawmut ave.	Brick	2	8	1	390	1901	51,819
407 Cedar Street.	Cor. Cedar and Maxfield sts.	Wood	2	6	1	239	1855	7,063
409 Sylvia Ann Howland.	Cor. Pleasant and Kempton sts.	Brick	3	7	1	198	1893	65,100
410 Thomas A. Greene.	Cor. Purchase and Madison sts.	Brick	2	10	1	343	1894	66,089
411 Acushnet Avenue.	Acushnet ave.	Brick	2	8	1	462	1878	49,966
412 Thompson Street.	Thompson st.	Brick	3	8	1	370	1885	37,800
413 Isaac W. Benjamin.	Division st.	Brick	3	12	1	560	1891	33,875
414 Dartmouth Street.	Cor. Dartmouth and Hickory sts.	Wood	2	8	1	366	1855	17,106
415 George H. Dunbar.	Cor. Dartmouth and Dunbar sts.	Brick	2	8	1	363	1897	45,037
604 North.—Unoccupied.	County Road.	Wood	1	2	1	90	1852	2,000
605 Plainville.	Plainville Road.	Wood	1	1	1	40	1846	1,000
606 Rockdale.	Hathaway Road.	Wood	1	2	1	60	1855	1,254
2 Portable.	Division st.	Wood	1	2	1	80	1903	4,331
2 Portable.	Madison st.	Wood	1	1	1	40	1903	2,165
8 Portable.	Madison st.	Wood	1	2	1	100	1910	3,400
1 Unoccupied.	Summer st., between Mill and North sts.	Brick	3	8	1	400	1911	15,782
				10			1876	113,388

NEW BEDFORD PUBLIC SCHOOLS.

Rates of tuition for non-resident pupils for school year. September 3, 1913, to June 26, 1914, same to be paid quarterly:

High School,	\$75.00
Grammar Schools,	30.00
Primary Schools,	25.00

SALARIES.

January 1, 1914.

HIGH SCHOOL.

	Min.	Max.
Principal,	\$2,500	\$3,000
Assistant Principal,	1,800	2,200
Heads of Departments,	1,400	2,000
Men assistants,	1,000	1,700
Women assistants,	800	1,200
Military instructor,		400

Increase \$100 yearly until maximum is reached.

ELEMENTARY SCHOOLS.

Principals, Lincoln, Knowlton, Parker, Middle, Fifth, Donaghy, Ingraham, Congdon, Katharine,	\$1,600	\$2,200
Principals, Swift, Clifford, Rodman, Taylor, Winslow, Harrington,	1,200	1,800

Increase \$100 annually until maximum is reached.

Principals, primary schools:		
4 or 5 rooms occupied,	Maximum salary	\$850
6 or 7 rooms occupied,	" "	900
8 or 9 rooms occupied,	" "	950
10 or more rooms occupied,	" "	1,000
Assistants in eighth grades,	" "	875
Assistants in seventh grades,	" "	800
Assistants in grades one through six,	" "	750
Assistants in sub-primary and kindergartens,	" "	750
Assistants in all grades,	Minimum	550

Increase \$50 per annum at close of first, second, third, and fifth years of experience.

	Minimum.	Maximum.
Teachers of special classes,	\$800	\$900
Teachers of ungraded classes,		800
Teachers of disciplinary classes,		875

ROCKDALE SCHOOL.

Principal,

Maximum salary, \$800

PLAINVILLE SCHOOL.

Principal,

Maximum salary, \$750

SUPERVISORS AND SPECIAL TEACHERS.

	Minimum.	Maximum.
Supervisor of Music,	\$1,400	\$1,900
Assistant Supervisor of Music,	600	900
Supervisor of Drawing,	1,400	1,800
Assistant Supervisor of Drawing,	600	900
Teacher of Sloyd,	1,200	1,800
Assistant teachers of Sloyd,	600	750
Supervisor of Cooking,	800	900
Teachers of Cooking,	550	750
Supervisor of Sewing,	800	900
Sewing Assistants,	550	750
Physical Director,		1,500
Teacher of Penmanship,		200
School Nurses,		800

Supervisors increase \$100 annually.

Assistant supervisors increase \$50 annually.

CALENDAR 1914—1915.

TERMS.

First term begins Sept. 3, 1913; ends Jan. 30, 1914.

Second term begins Feb. 2, 1914; ends June 26, 1914.

First term begins Sept. 9, 1914; ends Jan. 5, 1915.

VACATIONS.

Spring vacation, one week, beginning April 4, 1914.

Summer vacation, ten weeks, beginning June 26, 1914.

Winter vacation, two weeks, beginning Dec. 19, 1914.

HOLIDAYS.

Washington's Birthday,	February 22
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Patriots' Day,	April 19
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Memorial Day,	May 30
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Columbus Day,	October 12
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From Wednesday noon before Thanksgiving the remainder of the week.

SCHOOL SESSIONS.

High school: 8.30 a. m. to 1.30 p. m.

Grammar and Manual Training schools: Morning session 9.00 to 11.45 o'clock. Afternoon session 1.30 to 3.45 o'clock, without recess.

Primary and Kindergarten Classes: Morning session 8.45 to 11.45 o'clock. Afternoon session 1.30 to 3.30 o'clock. Recess in these classes for every pupil, as near the middle of the noon, 10 minutes in the afternoon, as near the middle of the session as practicable. In inclement weather, principals may omit recesses and dismiss pupils 15 minutes before the regular time for closing.

In all other classes the sessions shall be prescribed by the Superintendent, subject to the approval of the Board.

The signal for no-session is two strokes of the fire alarm once repeated (2-2).

The signal for no-session in all schools, excepting the High school, will be given at 8.15 o'clock for the morning session, and at 1 o'clock for the afternoon session.

OFFICE OF SUPERINTENDENT OF SCHOOLS.

166 William Street.

Office open 8.30 a. m. to 4.30 p. m., except Saturdays.

Saturdays, 8.30 to 9.00 a. m., 12.00 to 1.00 p. m., except

ALLEN P. KEITH, Superintendent.Office hours, 8.30 to 9.00 a. m., 12.00 to 1.00 p. m., except
Saturdays. Saturdays, 8.30 to 10.00 a. m.

JOSEPHINE B. STUART, Assistant Superintendent.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

Monday, Wednesday, 4.00 to 5.00 p. m.

ELIZABETH B. TRIPP, Grade Supervisor.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

Thursdays 4.00 to 5.00 p. m.

Secretary to the Superintendent,

MARY P. CHASE, 338 Orchard Street.

Clerks.

CLARA S. BLAKE, 97 So. Sixth Street.

VIOLA C. MANSEAU, 30 Durfee Street.

ROBERT H. MURDY, 12 Spooner Street.

Inspector of School Property,

DANIEL H. FERGUSON, 563 Union Street.

Office hours, 12:00 to 1:00 p. m., except Saturdays.

Department Mechanic,

WILLIAM O. MARTIN, 209 Summer Street.

Janitor and Messenger,

GEORGE K. DAMMON.

Attendance Officers,

JOHN S. SILVIA, 126 Campbell Street.

FRANCIS N. HOWES, 107 Sycamore Street.

RALPH COVILL, 159 North Street.

Office hours, 8.30 to 9.00 a. m., except Saturdays.

SCHOOL BOARD, 1913.

CHARLES S. ASHLEY, Mayor, chairman ex-officio.

JAMES P. DORAN, Vice-chairman.

FOR ONE YEAR.

Name.	Place of Business.	Residence.
Merton L. Hathaway,	Third Dist. Court,	87 Court St.
John F. Hatch, Jr.	Safe Deposit & Trust,	193 Pleasant St

FOR TWO YEARS.

Betsey B. Winslow,		315 County St.
Napoleon Beaulieu,	Nonquitt Spin. Co.,	29 Nye St.

FOR THREE YEARS.

Caroline H. Wilson,		152 William St.
James P. Doran,	Masonic Bldg.,	76 Bedford St.

SCHOOL BOARD, 1914.

CHARLES S. ASHLEY, Mayor, chairman ex-officio.

JAMES P. DORAN, Vice-chairman.

TERM EXPIRES 1915.

Name.	Place of Business.	Residence.
Betsey B. Winslow,		315 County St.
Napoleon Beaulieu,	Nonquitt Spin. Co.,	29 Nye St.

TERM EXPIRES 1916.

Caroline H. Wilson,		152 William St.
James P. Doran,	Masonic Bldg.,	76 Bedford St

TERM EXPIRES 1917.

William B. Geoghegan,		47 So. Sixth St.
Clarence A. Cook,	Taun. N. B. Cop. Co.,	277 Union St.

Teachers and Janitors.

IN SERVICE JANUARY 1, 1914.

	Principal.	Assts.	Clerk.
High school,	1	33	1
Elementary schools,	28	303	
Suburban schools,			

	Supervisors.	Assts.
Music,	1	1
Drawing,	1	1
Manual training,	1	3
Sewing,	1	5
Cooking,	1	1
Penmanship,	1	
Physical training,	1	
Nurses,	3	

	Janitors.	Assts.	Eng.	Asst. Eng.	Firemen.
High,	1	7	1	1	2
Elementary schools,	30				
Spare men	4				

TEACHERS.

Following are the names of teachers who have resigned, have had leave of absence, and who have been appointed to the corps during the past year.

RESIGNATIONS.

Bent, Alice E.	Gibbons, Margaret M.
Bumpus, Mary E.	Hope, Katharine I.
Connorton, Ellen T.	Hunter, Lillian G.
Culver, Helen L.	Inman, Grace D.
Cunningham, Sarah	Isherwood, Gertrude K.
Denham, Lyda B.	Johnson, Nancy M.
Fogg, Ethel W.	Killigrew, Mary L.
Gannon, M. Theresa	Koehler, Edna W. H.

Loring, Florence L.
 Marshall, Margaret M.
 Moulton, Mabelle A.
 Sears, L. Estelle
 Shaw, Emma K.
 Sherman, Ruth R.

Stanley, Arthur B.
 Titcomb, A. Isabella
 VonFlatern, Elizabeth C.
 White, Lucy M.
 Yates, Elizabeth M.

ABSENT ON LEAVE FOR WHOLE OR PART OF YEAR ON ACCOUNT
 OF ILLNESS, STUDY, AND OTHER CAUSES.

Alley, Emma S. Y.
 Barrows, Sarah D.
 Carver, Grace L.
 Cole, Esther L.
 Dexter, Anna I.
 Dunlap, Agnes J.
 Downey, Elizabeth A.
 Fish, Lucy B.
 Gannon, M. Theresa
 Gardner, Grace B.
 Howland, Edna B.

Hicks, Louise E.
 Jenney, Alice E.
 King, Laura E.
 Lee, Mary A.
 Loring, Florence L.
 Moulton, Sadie M.
 Parker, Dora D.
 Russ, Sarah A.
 Staples, Mary F.
 Wordell, Rachel M.

APPOINTMENTS.

Bennett, Elsie M.
 Burgess, Lucy P.
 Calden, Mary F.
 Cummings, Annie B.
 Dupin, Eugene P.
 Emmott, Evelyn H.
 Foster, Bessie K.
 Gretsche, Abraham H.
 Goulding, Alice A.
 Goodale, Eula P.
 Handy, Emma L.
 Hicks, Leanna A.
 Jason, Cora M.
 Kimball, Winfield A.

Leonard, Mary M.
 Mills, Ethel B. A.
 McAuliffe, Mary F.
 Orswell, Annie L.
 Parker, Caroline E. W.
 Pierce, Ruth W.
 Peirce, Gertrude B.
 Richardson, Edith M.
 Sylvia, Mary C.
 Souza, Mary A.
 Sherman, Annie E.
 Thompson, Mildred A.
 Whittier, Oliver E.
 Wilbur, Fannie H.

In Memoriam.

Supervisor of Music.

FREDERICK H. BUTTERFIELD.

In service 1890-1913.

Teacher.

RACHEL M. WORDELL.

In service 1898-1913.

Pupil Teacher.

HELEN F. DAHILL.

Report of the Superintendent.

TO THE HONORABLE SCHOOL COMMITTEE:

Ladies and Gentlemen:—I have the honor to submit my sixth annual report, which is the fifty-third in the series of annual reports of the Superintendent of Schools of this city.

On January 1, 1913, the control of the public school system passed from the committee of twenty, consisting of the Mayor and President of the Common Council ex-officio and eighteen members elected by wards, to a new committee, including the Mayor, ex-officio, and six members elected at large. It has been a pleasure to note that the new Board has taken up the work with enthusiasm and has carried it on with an eye single to the best interests of the child, for whom alone the schools exist. By holding two meetings each month it has been possible to carry on the business of the department expeditiously and without resort to special meetings and special committees.

The greatest weakness in our system has been in the work of the middle grades. This has been due largely to the constant change of teachers and to the lack of unification in the work throughout the city. Larger salaries in the upper grammar grades have been a temptation too great to resist and the constant advancement of teachers from grade to grade has resulted in the necessity of placing our new teachers in the lower grammar grades. The extension of the work of the assistant superintendent and the addition of a grade supervisor to the corps will do much to give

strength where support is needed. It will take time to study the problems, but I am sure that in the end the results will certainly justify the extra expense. The equalization of salaries would also be a great help in retaining teachers in grades for which they seem to be best fitted. The highest culture and best scholarship obtainable are necessary in all the grades and the stronger the personality of the teacher, the better the work will be. In a city with such a cosmopolitan population as ours the teacher meets children of all ages in all grades and the problem of control is apt to be more difficult in the middle grades.

The dignity of the teacher's position demands that she receive a salary that will allow her to grow and develop professionally, that added experience may mean added ability. I sincerely hope that the maximum salary of all teachers below the seventh grade may be made \$800 and that the salaries of all teachers may be advanced as rapidly as the financial condition of the city will warrant.

The plan of training, which was so successfully tried out with the Harrington graduates, has been continued during the fall term with the local girls who graduated last June from the State Normal schools. There are seventeen young ladies now taking this course with the same promise of success that has been evidenced by the two previous classes. The great success of the special classes for backward pupils points out clearly the need of additional facilities for this work. In September a new room was opened at the Harrington school for the benefit of the classes at the west end of the city. Parents and friends who have visited these schools are enthusiastic in their praise of the work accomplished by both teacher and pupil. Sewing machines have been added to the equipment of each class room and it is planned to have a sale of the hand and machine work of the children from time to time that new materials may be purchased and a better understanding of the possibilities of such training be given to the public.

The fact that the number of pupils in the upper grammar grades and the High school has practically doubled in the past five years is most encouraging. This is due in part to the eight year semi-annual promotion course of study. The work of the teachers in carrying out the provisions of the course sympathetically and faithfully has had its part in the success which this increase in the scope of the educational life of the child indicates. There is no danger of any child securing too much education and we should all watch diligently to make sure that each child has an opportunity to make the most of the best that is in him.

That the walls and corridors of our new High school may be decorated in good taste and in keeping with the purpose for which the building is used, Miss Bedlow, our efficient supervisor of drawing, is working out a plan which will allow us to use much of the material now in the possession of the school, and which will offer suggestions to those who desire to present pictures and other works of art to their Alma Mater. Her report will soon be ready for your consideration.

The educational atmosphere is charged with survey, unification, and uniform efficiency tests. Professional agitators now advertise to make certain surveys at regular prices, but to my mind the best survey that can possibly be made is the one that each teacher can make through self-examination. Am I seeking to establish the right motives? Am I teaching the children to judge values? Am I leading the pupils to organize their knowledge? Is the power of initiative being developed? These are questions which each teacher may ask and answer, and no outside agent is needed to conduct such a survey. Such an investigation conducted and discussed by principal and teacher, cannot fail to result in great good to the whole system. Specialists are now working out standard efficiency tests and already we have had given to us, certain standards in penmanship, arithmetic, and composition. While great good is bound to come from all such movements in education, I am not in favor of jumping at conclusions and acting on impulse.

The extended use of the school plant during the past year has been more marked and I am sure that the endeavors of some of our principals along this line of opportunity are appreciated by the parents and friends of their districts. More of this social service work can and should be done. The auditorium of the new high school is in constant use, the library lectures, the teachers' association meetings, the orchestra concerts, and many incidental events, being largely attended and appreciated by our citizens. That the new building is in real service, may be shown by the fact that on one day recently the auditorium was in use both afternoon and evening, the main building was in use by the evening school, a teachers' class was at work in the gymnasium and the parents' association was in session in the study hall.

In co-operation with the New Bedford Horticultural Society, ninety-seven trees were set out in the school yards early last spring. The lack of shade on our playgrounds has been a serious handicap, and while it will take time for the trees already set out to give us the desired protection, there is a decided satisfaction in knowing that a beginning has been made. The work should be continued until every school yard has been properly beautified.

The department has long needed a man to do our odd work about the school buildings. Contractors do not like to take a man from regular work to do small repairs, as it makes a large expense for time in going and coming and consequently a rather large bill for a small amount of work. As men were not always available we were forced to wait many times for our work to be done. This waiting often meant additional cost. The decision of the February meeting to elect a department mechanic has proved to be of decided advantage to us. Since the election of William O. Martin to this position, there has always been more work than he could possibly do, and at times, the spare janitors have been assigned to work under his direction. In addition to the saving in money, which the creation of this position has effected, we have had the added satisfaction of having the

work efficiently performed when it needed to be done, and according to our directions. From a record of the daily work accomplished, a saving of \$198.14 is shown for the department.

Our evening schools are open forty evenings each year, two sessions being held each week from October to March. This just meets the requirements of the law and a large percentage of those attending, come only because they are required to, in order to hold their positions in the various industries of the city. We make the work as attractive as possible, place experienced teachers in charge, use text books which are prepared for this special work, and limit the number allowed in each class, that opportunity may be offered to arouse an interest that will lead to direct progress in all the work. The short term makes it very difficult to accomplish any lasting results, except in the cases where the pupil is personally ambitious. Two evenings each week seems to be all that we ought to require from minors who work in the mills, and the teachers who teach in the day schools. This leaves only one avenue for an extension of the work, and I would recommend that the question of a longer term be very seriously considered. The present perfunctory following of the law savors too much of the treadmill and a great deal of time and money is wasted. The new labor law forces the illiterate minor into the school, and we should keep him there long enough to make positive progress.

A careful study of the reports which are made by the teachers at the close of each term shows progress in dealing with the slow pupil. Much of our retardation is due to the lack of a knowledge of the English language. A study of the chart which follows, will show what a large proportion of children there are in the schools who come from non-English speaking homes. The number of such pupils who are holding their places in the regular grades is most pleasing, and reflects credit on the efficiency of our teaching corps. The rapid growth of our city forces us to maintain large classes in many of our buildings and this, naturally, affects the

Number of Children in Grades — Number from Non-English Speaking Homes.* September, 1913.

AGE GRADES	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	ACCEL.	NORMAL	RETARD	TOTALS
8A							2	11	28	21	9	12	2	13	49	9	58
8B							1	14	35	22	10	1		15	57	11	83
							7	66	140	67	32	12		73	207	44	324
7A							1	13	42	19	7	1		1	55	27	83
							12	85	144	52	18	3		12	229	73	314
7B							14	42	48	3	3			14	90	6	110
							94	149	149	32	11	1		96	298	44	438
6A							22	34	56	9	1			8	56	66	130
							27	132	147	31	8			27	249	186	462
6B					3		57	62	102	11	6			17	119	119	255
							158	168	173	17	6			97	326	196	619
5A					1		49	66	72	5	1			1	88	144	233
					19		126	134	134	16	3	1		19	284	288	591
5B				1	21		57	83	80	17	4			22	143	184	349
				2	55		174	138	120	22	6			57	335	286	678
4A					25		63	70	60	7				1	88	222	311
					89		152	114	81	8	1			6	241	361	608
4B					52		75	53	37	11				5	127	174	306
					209		190	84	51	15				37	399	288	724
3A			1		72		107	42	22	1				1	88	217	306
			5		217		193	55	24	3				5	310	357	672
3B			10		111		72	25	12	1				10	220	162	392
			40		229		115	28	16	1				40	552	237	829
2A			38		127		67	13	6	2					161	241	402
		4	137		198		90	20	8	2				4	375	355	734
2B			146		88		57	15	3					9	305	183	497
		52	403		128		73	17	3					52	697	244	993
1A			227		57		36	5	1						215	222	517
		195	397		71		42	6	1						592	284	876
1B	23	389	211		39		84	6	2					23	600	160	783
	52	865	292		45		99	7	3					52	1157	188	1397
TOTALS	23	466	633		593		614	543	606	129	41	2	2	127	2541	2147	4815
PERCENT	52	1116	1274		1263		1248	1214	1304	360	122	29		590	6455	3482	10527
														5.6%	61.3%	33%	

progress of those children who need individual attention. It is hoped that the time may come when the number of pupils allowed in each class may not exceed forty.

The following suggestions have been sent to each teacher, in the belief that the recommendations may assist the teacher in dealing with the varying abilities of the different members of each class:

1. Seek to establish the right atmosphere in the school room. There should be no nagging, no scolding, no threatening. The spirit of cheerfulness should reign in the room.

2. When you help pupils, help them as if it were a pleasure, not as if it were a duty.

3. Try to get into sympathy with the children; seek to know each as fully as possible; if low motives are governing the lives of any, seek to displace them with high and noble ones. It will often help the pupil to let him know that the difficulties he is meeting are similar to those you met when in school.

4. Encourage the pupils who for any reason have lost heart in their work. Never tell a pupil he is dull or slow; never let him get the idea that you think he is dull; encourage him in thinking that sufficient effort on his part will enable him to overcome all difficulties. It is well to bear in mind that often the pupil who is slow and seems dull is such because he thinks. Real thinking takes time.

5. Individual instruction aims to enable each pupil to master the essential principles, rules, and facts in each branch of study to such a degree that the class or grade can move forward at a uniform rate of progress. As long as there are pupils in the class who have not mastered these principles, rules, and facts, so long is there need of individual aid.

6. Many pupils have never learned how to study; they do not know how to select the important matter in the reading, geography, or history lessons. Proper individual instruction

will give these pupils the power to master the printed page. Find these pupils and teach them how to study.

7. In aiding individuals, do not tell them anything that by judicious questioning you can lead them to discover for themselves; do not, however, waste time in trying to lead pupils to draw conclusions from insufficient data; give the facts at once; telling at the right time is teaching.

8. Do not do the pupil's work for him; it is an easy matter for the teacher to say, "Don't you see how easily this is done?" at the same time doing the work for the pupil: it is quite a different thing to find out just what the pupil knows, and with this knowledge as a basis lead him to see the way and to do the work himself. One way is real teaching, the other is its counterfeit.

9. Individual instruction should be *wholly individual*, a matter between some one pupil and the teacher; the teacher should not make the mistake of using the individual period for teaching groups of two or three pupils; two or three pupils make a small class. It is the better way to have the pupil receive his individual instruction, seated beside the teacher at the latter's desk; in this way it is possible to get into closer communion with the pupil.

10. The teacher, by examination of the pupils' written and oral work, should ascertain what pupils need aid; those pupils should be summoned to the desk to receive aid. The teacher should *know who needs aid*; she is not to wait for pupils to ask for aid.

11. The written work of the pupils should not be thrown away; each paper presented should represent the pupil's best work, nothing else should be accepted. The written papers in all subjects should be saved and hung about the room for the inspection of any who may care to see them.

12. Remember that there is always some pupil needing individual attention; the teacher who most fully appreciates this fact will obtain the best results; whenever there is time,

use it in looking after someone's needs. Do not cut short the class periods to give individual aid. Have a regular period for the individual work and hold to it.

13. But little knowledge of the needs of individual pupils can be gained from a recitation in which the entire class takes part. The large number who may be called upon to recite, lessens each pupil's opportunity for recitation. In the higher grades the presentation of a topic may sometimes be given to the class as a whole, but for the daily recitations classes should be divided into sections, one group reciting while the others are engaged in study or written work. This increases the amount of time given to teaching, increases the pupil's opportunity to recite, and increases the teacher's knowledge of the needs of each pupil.

14. Whenever the entire class is engaged in written work or study, the teacher's attention should be given to those pupils whose work will profit by the personal oversight that may be furnished at this time. The teacher should not use this as a period in which she may perform work that she could do when the pupils are not present.

Read these directions at least once each week until you are sure you are master of them, and are following them carefully.

The question of the proper ventilation of the school room, is ever before us. All our modern buildings have expensive systems of furnishing fresh air which are supposed to be ideal and we are cautioned not to open the windows and doors. The experience of everyone who has to use the rooms, experts excepted, is that the systems do not meet the demands. The experts blame the janitors and the janitors complain of the teachers. The teacher is in the room with the children, and has an opportunity to know conditions at first hand. Pupils will not work if the air is hot and stuffy, and the teacher is to be commended who tries to keep the air in the room cool, fresh, and invigorating. In order that we may

arrive at some reasonable conclusions regarding methods of securing the necessary amount of fresh air for our school rooms, we are at the present time trying out a plan of flushing the whole building at regular, stated, intervals, all windows and doors being opened and closed on signal from the principal. During the time that the building is open, the children face the open windows and take deep breathing exercises. The aim is to secure a constant supply of cool, fresh air and to avoid excessive heat and close, devitalized air. It is expected that teachers and pupils lacking in vitality will secure needed warmth by extra clothing and not by warmer rooms. This plan has been successfully tried in another city, and is said to possess all the advantages of open air schools. If fresh air is good for anaemic children, it must follow that it will be good for the well child and we are justified in doing all in our power to improve the air both in the schoolroom and in the home.

The question of an open air school for New Bedford has been discussed from time to time, and I am of the opinion that if one is to be established, it should be located at our local sanitarium where the children who should attend such a school might receive the very best of medical attention and health supervision.

With the rapid increase in the number of automobiles and street cars now using our streets, it is necessary to give lessons in care and safety to the younger children. The home should join the school in this work of caution. The number of accidents due to carelessness on the part of both drivers and pedestrians is appalling. Principals should secure copies of the new traffic regulations, and see that the children are thoroughly familiar with them. They should understand that their place is on the sidewalks and crosswalks and not dodging about in the streets. The local street railway company is alive to the need of such instruction, and has asked for and received permission to distribute blotters to the school children on which words of caution are printed.

The need of trained workers on our city playgrounds is

impressed upon us more deeply as each season draws to a close. In the past we have had but one trained worker on each ground, the assistants being young ladies and young men who are anxious to get a summer position with good pay. We have been fortunate in having among this latter class several conscientious young people who have developed into successful leaders. If our playgrounds are to succeed in creating the right spirit in play, with all its attributes, we must have as leaders only those men and women who can command the respect of the children, both on and off the playground. We have had a most enthusiastic leader in Miss Amelia E. Armbraster, of Toledo, Ohio, and I strongly endorse her recommendation that the number of workers on each playground be reduced to three and that our salary schedule be so changed that we shall be enabled to secure better leaders and added efficiency without additional cost to the city.

The Summer street building has been out of commission since December 1, 1912, notwithstanding it is very much needed for the Middle Street school. The Inspector of Buildings, after a careful examination of the premises, has recommended an appropriation of \$42,000 to make the needed alterations and repairs. Our School Inspector has endorsed the recommendation, and members of the Board who were skeptical when the amount of money needed was first mentioned have, after a careful investigation in company with the inspectors, seen the necessity for the appropriation and the proper request has been forwarded to the City Council. The Middle Street school has been waiting since 1901 for this transfer and an inspection of the building now in use will convince any doubter of the immediate need of a change. I trust such action may be taken as will make the Summer street building available for next September.

The rapid growth of the city south of Cove Road demands that immediate steps be taken for the purchase of land for school purposes in that locality. There are at the present time over fifteen hundred children of school age in that district and the rapidity with which new tenement houses

are being erected at the present time shows need of prompt action if we are to secure a desirable location at reasonable cost. The same condition exists east of Acushnet avenue, between Nash Road and Lunds Corner. The Abraham Lincoln school, with its twenty rooms, was expected to care for the growth of this section for several years, but we find that with the opening of the building every room is occupied and there is no opportunity for future growth.

For several years the Public Library has loaned sets of books to the children of the middle grades that pupils too young to go alone to the Library might have plenty of opportunity to secure good, wholesome home reading. The changing of the books at the close of each term allows a choice of one hundred books per year for each child. Collections of pictures are also loaned to the teachers and have aided much in the work of the class-room through the added interest which beautiful illustrations always arouse. We appreciate this spirit of cordial co-operation on the part of our Librarian, Mr. George H. Tripp.

William Logan Rodman Post, G. A. R., has presented the Abraham Lincoln school with a beautiful silk flag and a bronze tablet during the year. The tablet commemorates Lincoln's Gettysburg Address and occupies a prominent position opposite the main entrance to the building. We are grateful for the interest in our schools which prompted both gifts.

For several years Relief Corps 53 of William Logan Rodman Post has been quietly placing silk flags in the school rooms throughout the city and has recently presented twenty such flags at the Abraham Lincoln building. I am glad to express our appreciation of what has been and is being done so unostentatiously by this patriotic body of loyal women.

What better opportunity for service is open to mankind than that of assisting in the preparation of youth for future usefulness? The schools are charged with this great duty and our efforts will be successful just in proportion as we

succeed in instilling high ideals of life in those who look to us for guidance.

I am deeply grateful for your support and encouragement in my part of this great work and I trust that my leadership may be worthy of the confidence of all who assist me and make possible such degree of success as our work may attain.

Respectfully submitted,

ALLEN P. KEITH.

Report of Supervisor of Primary Grades.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—In accordance with your request, I herewith present the eighth annual report of the assistant to the superintendent and supervisor of primary grades.

SUPERVISION.

During recent years, the demand for school supervision as a function distinct from that of school administration has shown a rapid and steady growth. Some half-century ago an increasing recognition of the importance of educational supervision led the school boards of that time to place in the hands of an expert the work of supervising the teachers while the board still retained control of the administrative and business phases of the work.

In time the increasing complexity of the administrative duties and the greatly increased amount of money to be expended for the schools made it necessary to delegate to the superintendent not only the supervision of the class-room activities but much of the administrative work, and practically gave him the duties of a business man in addition to those of an educational expert. The introduction of more subjects of study and the specialization of methods of teaching made still more demands upon the superintendent and at the same time the rapid increase in the school enrollment of growing cities brought additional problems to be solved, and it became evident that the superintendent of any but a small city could not possibly find the time to attend to all these duties however well-equipped and efficient he might be.

Some cities tried to meet the difficulty by creating the position of business manager, in this way relieving the superintendent of the financial transactions which have so important a place in the work of administering a department expending from half a million to several millions of dollars each year. Some cities tried to bring relief by delegating a part of the work of supervision to the grammar masters. Others adopted the plan of appointing assistant superintendents who would serve as grade supervisors, and still others appointed department supervisors, each having charge of one of the departments,—grammar, primary, or kindergarten. The appointment of these assistant superintendents and supervisors does not mean that the superintendent no longer supervises; it means that these assistants relieve him of specialized and detailed work for which he does not have time, and bring to teachers and pupils the personal influence which cannot be given by the superintendent whose days are filled to overflowing with other duties.

The work of a supervisor of the grades, like that of the supervisor of a special subject, deals mainly with the arrangement and adaptation of the course of study, the presentation of good methods of teaching, and the standardization of the work. Sometimes teachers (and occasionally supervisors) have misunderstood the purpose of supervision and have supposed that the term stands mainly for criticism, fault-finding, detection of weakness or inefficiency, and consequent reproof or dismissal of a teacher. Instead of these it should mean help, advice, counsel, the setting of standards, the removal of hindrances, the adjustment of difficulties so that pupils, parents, and teachers receive a square deal, and—most important of all, after a suitable course of study has been arranged—such unification of the work of the schools that pupils may pass from school to school and from grade to grade without any serious break in their progress. At the same time supervision must furnish enough criticism and correction to prevent waste of time and repetition of mistakes and enough freedom to insure the inspiration and

efficiency which comes only when the teacher can express her own individuality in her work.

THE SUPERVISING PRINCIPAL.

To secure the best results the work of the supervisor must be supplemented by that of the principal. A supervisor whose department includes nearly ten thousand pupils cannot in the nature of the case observe the teachers of these pupils closely enough to know whether her instructions are always being carried out or whether the methods employed are always commendable. The claim is sometimes made that a good teacher needs no supervision, yet in a school with every room equipped with good teachers it is possible for a pupil to spend much time in successive grades needlessly repeating work already taught in lower grades, simply because it is out of the question for each teacher unaided to know how much has been accomplished in the grades below even though she may be familiar with the course of study scheduled for those grades. A ten-minute review given by the principal will show the teacher more of the pupils' attainments than can be gained in any other way. To be able to do this the principal must be thoroughly familiar with the work of the lower grades and must have been in the habit of teaching the class occasionally.

Some principals fail to realize the gain which comes through this close supervision. When visiting the schools under their charge it is no uncommon experience to pass from a room where the children's recitation shows interest, accuracy, and initiative, and in a grade or two above to find the pupils reciting these same facts, repeating with less interest and less accuracy the work in which they had been well grounded in the grades below. In passing through a school a visitor can read much of the principal's efficiency in supervision without other data than those furnished by the evidences of organization and co-ordination of the work

of the different grades. This is work which can be outlined by the supervisor but which only the principal can execute.

We have supervising principals in this city who are securing good results through this attention to the details of the work in their schools. While recognizing that the routine of administration in a large building might easily occupy the greater part of the time if allowed to do so, these principals relegate this work to times which will not keep them in the office when they might profitably be in the class-rooms. They keep in touch with the instructions given in grade-meetings and familiarize themselves with the methods employed by their teachers and with the results to be secured. They not only watch their teachers at work but they sometimes take charge of a recitation to illustrate some point or to conduct an oral test. And more than one principal in this city, in schools enrolling from seven hundred to eight hundred pupils, occasionally finds time in addition to all this to give individual instruction to backward pupils to bring them up to grade, or to take a teacher's class for an hour to allow her to visit another class of her grade or a class in the grade below. Such supervision cannot fail to increase the teacher's efficiency and the good work accomplished in these schools is due not only to a careful arrangement of the course of study and to the skillful efforts of the teacher in adapting it to the pupils' needs, but to the helpfulness and efficiency of the man or woman who stands at the head of the school.

STANDARDIZATION.

This is a phase of school work which increases in importance with the increase of the number of teachers and pupils enrolled in the schools and is especially important in a city in which a floating element in the population results in many school transfers. Recognizing that a lack of standardization and unification of the work of the schools is one of the results of a lack of supervision, from time to time the school

board in this city has enlarged the scope of the duties of the supervisor of primary grades, till the work has grown from the supervision of one hundred thirty-three teachers and fifty-three hundred primary grade pupils in 1906 to two hundred sixty-six teachers and ninety-seven hundred pupils in 1913. This increase in the amount and the scope of the work has made it necessary to employ an assistant grade supervisor, whose duties will be to assist in carrying out the plans of the supervisor in the grades from I B through VI A. Mrs. Elizabeth B. Tripp, a teacher in Grade V A in the James B. Congdon school, has been appointed to the position and brings to it unusually successful experience in both primary and grammar grade work. A cordial welcome has been extended her by the teachers and principals and her new work as an assistant supervisor begins under very favorable conditions.

SUB-PRIMARY AND KINDERGARTEN CLASSES.

Each year of experience in the work of these combined classes proves more clearly their value to the individual child and to the school system. Principals and teachers of Grade I B are united in the opinion that both the individual child and the school system would be benefitted if the sub-primary grade could be made the entering grade for all children, unless they had already received the instruction which would warrant their entrance into a higher grade. This would make the entering age five and one-half years instead of six years but it would not necessarily add to the length of the child's schooling nor to the expense of the school department because many pupils who now repeat Grade I B would receive in the sub-primary class the preparation which would enable them to complete the work of I B in one term.

While the teachers of these classes profit by the many opportunities for professional improvement which are of general interest to the teachers of each department, yet the kindergarten teachers in our city are less fortunate than

those in many other places where organizations of kindergartens keep them in touch with the new movements in this department. Our kindergartners have occasionally secured at their own expense speakers to address them along the specialized lines of their work, yet a dozen kindergartners cannot command the resources at the disposal of a body of two or three hundred teachers, and we are too far away from other kindergarten centers to make it possible for us to join forces with other associations. It is regretted that some provision cannot be made to bring to us occasionally help along kindergarten lines without placing too heavy a tax upon the individual kindergartner.

CLASSES FOR BACKWARD AND DEFICIENT CHILDREN.

There are at present four of these groups each accommodating fifteen pupils, and it is expected that another will be established when the new Katharine Street school is opened. Only the more hopeful cases of mental deficiency can be received in these classes and the pupil whose stay in one of them has shown that he is not able to profit by the individual instruction offered here is returned to the grades or is recommended for transfer to some institution adapted to his needs. We have transferred children from these classes to the School for Crippled Children, to the Perkins Institute for the Blind, to the School for Deaf-mutes at Randolph, and several have been placed upon the waiting list at the schools for the feeble-minded. There are thousands of children in the state who would profit by instruction in these schools for mental defectives if a sufficient number of schools could be established. Our city has many such children, either attending school where their presence saps the teacher's energy and efficiency and deprives the normal child of his opportunity, or kept at home where they are growing up without the training which might render them less of a burden to society in later years.

THE WORK IN THE GRADES.

An attempt has been made to visit all the teachers in the grammar schools recently assigned to the supervisor, but this year the report will again be confined to the work of the primary grades. For several years we have given attention to the development of initiative on the pupil's part and to the motivation of the pupils, but two other important elements of the much discussed standards of good teaching, i. e., consideration of values by pupils and organization of facts and ideas by pupils, have but recently been brought to their attention. It is along these two lines that our work most needs improvement, and the results reached by those teachers who have, consciously or unconsciously, worked along these lines show that attention to organization and values will as favorably affect the pupil's tenacity of hold upon the facts studied as motivation and initiative have increased his self-control and ability to do independent work.

CONCLUSION.

In conclusion I wish to thank the Superintendent and the members of the School Board for the confidence expressed by the increased work and compensation recently conferred by them, to thank the supervisors and other school officers for the co-operation they have given, and to express to the principals and teachers my appreciation of the earnest, efficient service they have rendered.

Respectfully submitted,

JOSEPHINE B. STUART.

Report of the Principal of the High School.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—I respectfully submit my annual report on the New Bedford High school for the year 1912-13.

The total number of pupils registered in the High school from September 3d to December 19th, 1913, was 775. The number of pupils who have registered for the second term, which begins February 2d, 1914, is 220. The estimated total registration for the school year 1913-14 is 995. As the total registration for the year 1908-09 was 539, the registration in five years has increased 456 pupils. The increase in the registration during the years between 1909-1914 has been 366 per cent. of the increase in the registration during the preceding twenty years.

The records show that the total registration for the year 1888-89 was 459; for the year 1908-09, 539; for the year 1912-13, 832; estimated registration for the year 1913-14, 995.

The records show also that for the year 1888-89, with a registration of 459, there were 562 pupils tardy, 1,468 dismissed, and 139 who left school; for the year 1908-09, with a registration of 539, there were 2,137 pupils tardy, 479 dismissed, and 120 who left school; while for the year 1912-13, with a registration of 822, (656, first term; 819, second term) there were only 572 tardy, 360 dismissed, and 95 who left school.

Therefore, the High school shows for the past year a large increase in the registration, a larger percentage of average daily attendance, a fewer number who have left school, and a fewer number of tardinesses and dismissals.

It gave the teachers and pupils much pleasure last year to move into the new building. After a year's use of the building and equipment, the faculty and pupils feel deeply grateful to the city for providing so beautiful and so well equipped a school. It is the aim of the faculty and pupils to maintain a high standard of scholarship and general conduct worthy of the generosity and confidence of New Bedford.

Two important organizations were organized during the year in the hope that they would be of value to the school and to the city. They are the Parents' Association and the Alumni Association. Each association can be of inestimable benefit to the school if the persons who are eligible for membership will join with the present members in working for the best interests of the school. The faculty and the school committee welcome and encourage every activity which has for its purpose the betterment of the school.

The various phases of our High school work, courses of study, standards of scholarship, school government, social activities, etc., have been discussed so many times during the year that I believe it is needless to say anything regarding them in this report. Parents and everyone interested in the High school have been given every opportunity to become thoroughly informed regarding all the work and social activities of the school.

I am deeply indebted to the school committee, superintendent of schools, faculty, pupils, and parents for their hearty support and encouragement during the past year.

The following tables give the detailed statistics for the year:

	Commercial Course			General Course			Technical Course			College Course			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Seniors	11	18	29	1	20	21	12	1	13	8	16	24	32	55	87
II Juniors	21	20	41	1	32	33	13		13	9	20	29	44	72	116
I Juniors	12	5	17	0	15	15	15		15	11	17	28	38	37	75
II Sophomores	12	14	26	0	20	20				22	15	37	34	49	83
I Sophomores	21	22	43	4	22	26				24	18	42	49	62	111
II Sophomores	31	34	65	12	36	48				30	18	48	73	88	161
I Freshmen	39	50	89	17	26	43				28	23	51	84	99	183
	147	163	310	35	171	206	40	1	41	132	127	259	354	462	816

That is, the total registration by courses was :

Post Graduates,	6
Commercial Courses,	310
General Course,	206
Technical Course,	41
College Course,	259
	<hr/>
	822

GRADUATES, 1913.

College preparatory course,	28
General course,	15
Commercial course,	15
Partial pupils (certificate),	27
	<hr/>
	85

NUMBER OF PUPILS WHO HAVE LEFT THE HIGH SCHOOL
DURING THE SCHOOL YEAR 1912—1913.

	Boys.	Girls.	Total.
Post Graduates,	1	—	1
Seniors,	2	—	2
II. Juniors,	7	4	11
I. Juniors,	4	3	7
II. Sophomores,	5	6	11
I. Sophomores,	8	8	16
II. Freshmen,	15	13	28
I. Freshmen,	9	10	19
	<hr/>	<hr/>	<hr/>
	51	44	95

CAUSES FOR LEAVING.

	Boys.	Girls.	Total.
Illness,	8	13	21
Needed at home,	—	3	3
Home conditions,	—	2	2
Went to work,	28	10	38
Neglect of school work,	4	3	7
Inability to do work,	2	2	4
Moved from city,	4	2	6
Went to other schools,	3	1	4
Causes unknown,	2	8	10
	<hr/>	<hr/>	<hr/>
	51	44	95

GRADUATES ENTERING HIGHER INSTITUTIONS.

	Boys.	Girls.	Total.
Harvard University,	1	—	1
Harvard Medical College,	1	—	1
Brown University,	1	—	1
Wesleyan University,	2	—	2
Tufts Medical College,	1	—	1
Tufts Dental College,	1	—	1
Baltimore Dental College,	1	—	1
Massachusetts Institute of Tech- nology,	2	—	2
Radcliffe College,	—	2	2
Smith College,	—	2	2
Wellesley College,	—	1	1
Vassar College,	—	1	1
Mount Holyoke College,	—	1	1
Bridgewater State Normal School,	—	13	13
Fitchburg State Normal School,	—	1	1
Sargent School for Gymnastics,	—	1	1
Wheaton College,	—	2	2
Rhode Island School for Nurses,	—	1	1
St. Luke's Hospital School for Nurses,	—	1	1
	10	26	36

Respectfully submitted,

G. WALTER WILLIAMS.

Evening High School.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—I respectfully submit the following report of the Evening High School for the year 1912-1913.

The school opened in the old High school building on the evening of October 7, and continued for ten weeks, closing on the evening of December 12 for a three weeks' recess. It reopened January 6 and closed the term March 13.

The total enrollment was the largest in the history of the school, being 442, or 133 more than the preceding year. Of this number 231 were males and 211 females. Although many stormy nights interfered with the attendance it was fairly good, the average per cent being over 66. The large number of pupils electing the civil service course necessitated the employing of an extra teacher, making a total of thirteen teachers in the school.

Now that the school is located in the new building it seems probable that the next class will be even larger than the one of the past year. On the strength of this supposition, I recommend that the civil service course be divided and an elementary and an advanced class be formed, in order that pupils not quite thoroughly prepared in one year may go on with the work. With the facilities at hand, I believe the curriculum should be broadened and courses in mathematics and the modern languages should be offered. I also recommend that recognition of the work done by pupils be given in the form of certificates granted by the School Board.

Respectfully submitted,

A. R. DORMAN.

Report of Supervisor of Drawing.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—It is pleasant to report a healthful spirit of interest and activity in the drawing work during the past year.

The exhibition illustrating the course of study in drawing held at the rooms of the School Board in June had a large and appreciative attendance. At the close of the term each year the different schools show drawings with other school work, but it is a long time since we have had a public exhibition covering the whole field from the sub-primary and first year through the High school. At the June exhibition opportunity was given to follow the progress of the classes year by year and to compare the earliest attempts at artistic expression by the very little children with the maturer work of the High school pupils. Each was interesting in its own degree.

With the co-operation of the primary supervisor books of children's work were shown illustrating the correlation of drawing with language, geography, number, and music.

Construction and design as well as the pictorial side of drawing were represented in sheets of working drawings and patterns and by decorated boxes, booklets, stenciled bags, cushions, and curtains. The colonial house made by the boys and girls of grade four, Dunbar school, was presented to the Children's hospital. The modern house, designed and furnished by the pupils of grade eight, Parker Street school, has started on its round of visits to the primary grades where it will give pleasure for a long time

to come. The drawing department is indebted to Mr. Edwin R. King, of the manual training department, for his kind co-operation in the construction of the house and furniture made by the grammar school pupils.

The baskets and weaving done by children of the special classes called forth many expressions of commendation.

The jewelry and the metal and leather work shown by High school pupils under Miss Newcastle's instruction received merited praise.

Miss Helen Culver resigned from the department in June, followed by the good wishes of the teachers with whom she has worked so successfully during the past two years. Miss Edith M. Richardson of New Bedford, formerly supervisor of drawing at Hoosick Falls, N. Y., succeeds her as assistant supervisor and has already proved herself an able and enthusiastic instructor.

The drawing department gratefully acknowledges the receipt of some good pottery drawing models which were greatly needed. Additions to this collection should be made each year and the models may be circulated and thus benefit all the schools.

A plan is arranged providing a general scheme of decoration for the High school. Graduating classes and friends of the school who are desirous of contributing to the beauty of the building are invited to consult with the committee in charge.

Miss Richardson joins with me in the expression of indebtedness to the Superintendent of Schools for his encouragement and support, and to the principals and teachers whose efforts are helping to make drawing a living force in our school life.

Respectfully submitted,

LUCY C. BEDLOW.

FREDERICK H. BUTTERFIELD,

Supervisor of Music

from September, 1890 to December, 1913.

Man Teacher Friend

The following resolutions were adopted by the New Bedford Teachers' Association:

“The members of the New Bedford Teachers' Association desire to express to the community at large, and especially to the bereaved family, their appreciation of the life and character of their friend and colleague, Frederick H. Butterfield, for twenty-three years music supervisor of the public schools of New Bedford. Therefore it is

“Resolved, That in his death

“The community has lost a valued citizen, who, by upright living and unostentatious merit, has won the respect of all

“The schools have lost a faithful instructor who loved children and kept ever a high ideal for their training, and that

“We, his colleagues, have lost a friend whose kindliness of heart and sincerity of purpose we have never doubted.

“Resolved, That these sentiments be entered upon our records, and that a copy of these resolutions be sent to his family and to the daily papers.

“Committee on Resolutions.”

Report of Playground Supervisor.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—The report of the supervisor of playgrounds for the season of 1913, is submitted.

The foundation of the playground work having been laid during the previous seasons, an effort was made this year to broaden and extend the same.

A better idea now prevails among the children and directors of what the work means and the results we are striving to attain.

GROUNDS.

The reports of 1911 and 1912, contain extended recommendations for the development of the grounds. The same recommendations are again renewed and I trust they may be carried out in part each season in so far as financial conditions will allow.

One thing that is very serious, and in justice to the children should not be delayed, is the abating of the dust nuisance on the grounds. I quote from the report of 1912: "Medical inspection and open-air living lose much of their value if the children are forced to play in the dust. A top layer of loam would serve as a binder and yet allow proper drainage. This problem is being given serious attention by the playground authorities in large cities. I commend it to the serious consideration of the committee."

It is again suggested that measures be taken to provide shade by the planting of trees.

The Kempton playground is unfortunately too far away to attract the children from the districts mostly in need of playgrounds.

DIRECTORS.

It is not an easy task to find women who have the executive ability, tact, technical training, enthusiasm, and love for the work that a successful director should have, but it still holds true that the director should be a person who has these qualifications.

Male coaches should be men who have the ability to do athletic work, and who have had experience with boys.

The recommendation of 1911, that not more than three persons be employed on each ground is again renewed.

The position of janitor and second assistant are superfluous. The work now performed by the janitors should be assigned to the male coaches.

FIELD DAY.

The field day this year was more largely attended than that of previous seasons, and I wish to express my appreciation to the superintendent of parks and his assistants for the interest and help which made the day a success.

The following program was given:

MORNING PROGRAM.

Athletics.	Running High Jump.
100-Yard Dash.	Relay Races.
50-Yard Dash.	Peg Races.
Running Broad Jump.	

AFTERNOON PROGRAM.

1. (a) Lightly Row.
(b) Hot Cross Buns—Small Children.
(c) Ride a Cock Horse.
(d) Simple Folk Dance.
2. Wand Drill—By Girls.
3. (a) Pop Goes the Weasel.
(b) Children's Polka.
4. Baseball Drill—By Boys.
5. (a) Ace of Diamonds.
(b) Seven Jumps.
6. Indian Club Drill—By Boys.
7. Ritka.
8. Relay Races—By Girls.
9. Newcomb Games—Winners of North vs. Winners of South.

Baseball games were also played for championship of the playgrounds, between the winners of the North and South End Leagues.

On the whole, the season was a success, and I desire to acknowledge the hearty support and assistance rendered by the superintendent and committee.

AMELIA E. ARMBRUSTER.

Report of School Nurses.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—The report of the School Nurse of the central schools for the year is as follows:

Number of visits to schools,	479
Number of visits to homes,	599
Cases of defective vision,	165
Adenoids and tonsils,	322

The cases of defective vision receiving attention, which were 141, are all improving in their work.

Adenoids and tonsils operated upon 284, improving in all cases but one.

The Tubercular Clinic is a great help. Many children who are unable to have a physician, but who need medical attention, have been treated at the clinic with the best of results.

The work of the Dental Clinic is excellent, and I appreciate having charge of the children who attend in my district.

I wish to thank the teachers, principals, and superintendent and all to whom I am indebted for their kind co-operation.

Respectfully submitted,

FLORENCE RICKETSON, R. N.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—The report of the School Nurse for the north end schools, for the past year is as follows:

Number of schools to visit each week,	8
Number of visits to schools,	337
Number of visits to homes,	523
Number of cases of defective vision,	77
Number of cases of defective vision that have glasses,	40
Number of cases of adenoids and tonsils, including defective hear- ing,	111
Number of cases operated upon,	77
Number of cases of defective teeth (April to June),	40

A large per cent of the adenoid and tonsil cases, as seen above, have had successful operations, either at home or St. Luke's Hospital as the case determined. Many cases of defective vision have been given care and glasses free from expense to the parents.

In April, 1913, the school nurses were given charge of the appointments for the Dental Clinic. Principals of the various schools had, up to this time, had the care of sending the children to the clinic.

The Dental Clinic is one of the many blessings that is offered the primary school child who cannot afford private dental treatment.

Many children suffering from almost continuous sore throat and earache have been found on examination to have very badly decayed teeth, apparently infecting the entire nasal and throat tract. When all the teeth had been attended to, sore throats and earaches disappeared, and the children have been in better physical condition than before.

I wish to extend my thanks to the Charity Organization Society, City Mission, and all who in any way have helped

the work along when a request for aid has been made to them.

To the teachers, principals, and superintendent, to whom I am indebted for co-operation in the work, I am very grateful.

Respectfully submitted,

MARGARET J. DIAZ, R. N.

MR. ALLEN P. KEITH, SUPERINTENDENT OF SCHOOLS:

Dear Sir:—The report of the School Nurse of the south end schools for the past year is as follows:

Number of visits to schools,	360
Number of visits to homes,	768
Number of cases of defective vision,	180
Glasses provided children,	76
(In all cases there has been marked improvement).	
Number of cases of adenoids and tonsils, including defective hearing,	227
Number of cases operated upon,	75
Number of cases improved by operation,	64

Many cases of adenoids and tonsils have been cared for at St. Luke's Hospital and at the City Mission. This has entailed no expense on the part of the patient. The orthopedic cases also have been cared for at St. Luke's Hospital, and in the majority of cases the results have been excellent. For instance, a boy nine years of age afflicted with torticollis or

“rye-neck,” which kept his head on one shoulder and affected his vision, was operated upon by Dr. McAusland, and he has improved not only physically but mentally. This is but one of the many instances which might be mentioned. Bow legs have been made straight; almost useless arms crooked by old dislocations, have been made again useful members of the child's body; eyes with defective vision have been corrected. In this latter class of cases, Drs. Potter, Foster, Whitney and Robinson of the City Mission have kindly given their services. Two cases especially worthy of note were a boy and a girl found in the schools almost totally blind.

The personal hygiene of the pupils has improved wonderfully. The decrease of pediculosis shows this more than anything else. At the beginning of last year it was necessary to send from school about ten scholars a week because of this condition. Now there are rarely more than two or three sent home in a week.

By far the most encouraging aspect of the work is the change of the attitude of the parents towards the school nurse. Formerly it was one of almost hostility, as though resenting the appearance of the school nurse as an intrusion. But this is almost entirely changed. Fathers and mothers now for the most part co-operate, and look upon the school nurse as a friend. She is called upon constantly for advice and help in almost all matters regarding the children. This spirit of friendliness is slowly but surely changing living conditions in many of the homes. Parents afflicted with tuberculosis now realize the danger of infection and the necessity of fresh air and cleanliness for the children. The parents are also learning which foods furnish the most nutriment.

There is, of course, still great room for improvement of conditions among the children. One condition exists which to my mind could be easily remedied, and that is the exclusion of children with bad colds. From my observation, I have learned that frequently a whole room of scholars will contract a cold from one of the class. Colds are now recognized as infectious and the exclusion of such children will, I am

certain, improve the attendance and mentality of the class as a whole.

My work has been made more effective by the hearty co-operation of the superintendent, principals, teachers and attendance officer, together with the help of the Charity Organization, the City Mission, and the Poor Department.

Respectfully submitted,

THERESA M. McGRATH, R. N.

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SCHOOL REPORT

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ANNUAL REPORT

OF THE

Superintendent of Streets

OF THE

CITY OF NEW BEDFORD, MASS.

TO THE CITY COUNCIL

For the Year 1913



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, PRINTERS.
1914.

Report of the Superintendent.

*To the Mayor and City Council,
of the City of New Bedford, Mass. :*

Gentlemen: The Annual Report of the work of the Sewer and Street Departments for the year ending November 29, 1913, is herewith submitted.

Respectfully,

C. F. LAWTON.

NEW BEDFORD — 1913.

Population, estimated 104,874.

Valuation, \$104,935,228.00.

Area, about 19.39 sq. miles.

Number of dwelling houses 12,184.

180.61 miles of accepted streets.

Three bridges over the Acushnet River. New Bedford and Fairhaven bridge, 70 feet wide and 9-10 mile long; 4-5 maintained by New Bedford. Coggeshall Street bridge, 3-4 maintained by New Bedford. Concrete bridge between New Bedford and Acushnet, built by County commissioners in 1913.

9.83 miles granite block paving, area 149,355.38 sq. yds.

0.057 miles asphalt block paving, area, 786.20 sq. yds.

7.69 miles bitulithic paving, area, 133,222.01 sq. yds.

0.34 miles brick paving, 12,128.30 sq. yds. New Bedford and Fairhaven Bridge.

8.65 miles cobble paving, 101,550.00 sq. yds.

96.27 miles macadam, 1,199,445.00 sq. yds.

128.63 miles curbing.

31.08 miles flag walks 92,661.60 sq. yds.

33.52 miles tar concrete walks, 145,102.98 sq. yds.

23.69 miles granolithic walks, 102,887.96 sq. yds.

110.467 miles Sewers.

\$1,889,937.95 cost of sewer system to date.

1374 catch basins.

1025 manholes.

769 eye-holes.

26 sewer outlets and 5 surface drain outlets into Acushnet River.

6 sewer outlets and 2 surface drain outlets into lower harbor.

16 sewer outlets into Clark's Cove.

APPROPRIATIONS AND EXPENDITURES.

Year 1913.

		Appropriation	Net Expenditures
Highways and Streets:			
Appropriation	\$487,000.00		
Excise Tax,	11,006.01		
		\$498,006.01	\$492,603.14
Sewers and Drains,		20,000.00	35,873.95
Bridges,		8,600.00	8,932.95
Forestry,		6,000.00	4,716.13
Sewer Construction—C 184, 1907			
Balance from 1912,	\$5,557.93		
Receipts	10,235.70		
		15,793.63	15,242.60
Sewer Construction—C 131, 1911:			
Balance from 1912,	\$2,051.69		
Receipts	18,416.78		
		20,468.47	12,751.39
Sewer Construction C—76, 1912:			
Balance from 1912,	81,340.37		
Receipts	7,255.93		
		88,596.30	87,020.96
Sewer Construction—C 183, 1913:			
Appropriation	98,560.00		
Receipts	1,343.93		
		99,903.93	89,306.25
		\$757,368.34	\$746,447.37

Highways and Streets Accounts.

HIGHWAYS AND STREETS.

Year	Net Expenditure	New Work	Maintenance and Repairs	Stock on Hand	Total.
1909	\$256,776.76	\$136,847.30	\$126,960.86		
1910	390,216.57	187,202.50	197,925.03		
1911	491,535.98	285,006.47	211,295.08		
1912	499,734.01	297,656.83	202,077.18		\$79,538.01
1913	492,603.14	268,309.24	224,293.90		
			Tools	\$4,239.06	
			Stock,	7,662.34	
			Equipment,	77,011.07	
					\$88,912.47

RECAPITULATION — HIGHWAYS AND STREETS.

GROSS EXPENDITURES.

	Cost.
Ashing	\$ 45,587.48
Accident Account	4.00
Automobiles and garage (credits for auto hire and material from other Depts.)	2,569.60
Building repairs	588.14
Crosswalks	218.66
Curbing, new, repaired	27,787.08
Concrete walks repaired	1,925.57
Driveways	332.75
Dust prevention	
	Oil \$21,559.53
	Water 4,202.81
Equipment	8,931.29
Filling holes and washouts	1,310.19
Flag walks	3,569.97
Fences	671.39
Filling and grading	30,754.04
Widening streets	762.17
Gas engine (stationary)	290.12
Granolithic walks	20,163.36
Gutters, new, repaired	17,593.30

STREET DEPARTMENT

9

Heating plant (City Yard)	2,752.10
Lighting (City Yard buildings)	361.23
Main office and Salaries	7,540.99
Macadam, new, repaired	95,682.48
Miscellaneous	4,528.14
Paving	
Bitulithic	30,444.66
Block	42,582.69
Brick (N. B. and F. Bridge)	1,282.96
Cobble	1,467.24
Endurite	36,070.57
Pension	700.52
Removing snow and ice	850.77
Stable office	3,075.04
Stable yard	1,791.70
Sweeping and cleaning streets	70,944.56
Sidewalks, gravel and cinder	19,827.49
Tools, new and repaired	4,052.22
Yard tool house	1,324.76
Walls (bank)	1,586.85
Water supply	627.45
Charges—Labor etc. done for City Forestry, Sewage Disposal, Bridges, Sewers, Sewers and Drains	38,327.77
Miscellaneous charges to sundry parties and depts.	37,242.38
	<hr/>
	\$600,268.35
Stock on hand Nov. 29, 1913	7,076.35
	<hr/>
	\$607,344.70

CR.

Appropriation	\$487,000.00
Receipts	107,665. 11
Excise tax	11,006.01
	<hr/>
	\$605,671.12
Balance to Highways and Streets	5,402.87
	<hr/>
	\$600,268.25
Stock on hand Nov. 29, 1913	7,076.45
	<hr/>
	\$607,344.70

MACADAM, NEW.

Street	Location	Length Feet	Area Sq. Yds.	Cost
** Adams	County to w. of Mt. Pleasant	1,417.0	3,715.84	\$1,974.32
Belleville rd.	Acushnet ave. to Bowditch	886.5	2,265.50	1,358.37
** Brock ave.	Butler to W. French ave.	5,325.0	12,236.30	6,424.80
Campbell	Cottage to Cedar	320.0	640.00	197.35
Clinton	James to w. of Rotch	465.4	919.10	409.39
Cove Rd.	E. of County	180.0	370.00	261.58
Cove Rd.	South of Rockdale ave.	210.0	466.00	64.00
Division	Water to First	147.5	286.80	153.25
Elm	Chancery to Park	275.0	550.00	214.58
Eugenia	Acushnet ave. to Bowditch	671.0	1,715.00	892.71
*** Fair	West of County			103.62
Grit	West of West French ave.	512.5	1,309.70	650.78
Hathaway ave.	East of Belleville ave.	798.0	2,128.00	1,618.29
Hemlock	South of Dunbar	391.5	1,000.00	826.95
Hunter	Hillman to North	255.5	511.00	352.74
LaFrance	County to Reynolds	358.0	517.00	164.49
Liberty	N. of North; Maxfield to Keene	371.0	742.00	217.32
Maxfield	East of Hunter	1,506.0	2,989.00	1,236.48
Maxfield	Hunter to Rockdale ave.	786.0	1,615.67	1,017.27
Morgan	Chancery to Park	280.0	560.00	325.62
* Mott	E. French ave. to Brock ave.			130.40
McMurray Terrace	— County, West	180.0	260.00	168.52
Nash rd.	Belleville ave. to Diman	984.5	2,461.25	1,822.25
Newton	Court to Elm	491.0	909.00	615.07
North Oak	North of Pope	150.0	300.00	130.02
* Penniman	Myrtle to Mt. Pleasant			677.96
Plainville rd.	West of Mt. Pleasant	5,265.5	10,531.00	5,553.75
** Pope	State to County	424.5	801.80	396.35
Purchase	N. of Deane, S. of Deane	1,123.0	2,522.00	1,008.38
** Rockdale	Dartmouth to Hemlock, east of			
	Hemlock, Kempton north,			
	Durfee to Hathaway road	9,034.0	19,650.90	12,351.34
Russell	East of County	655.0	1,310.00	372.85
Scott	East of Crapo	775.5	2,068.00	1,072.15
Shore	Grit to Cove rd.	456.0	1,216.00	605.69
Slocum Bridge	River rd., east	290.0	773.33	592.94
*** So. Second	N. of Potomska, N. of Rivet			449.26
Thatcher	Cove rd. South	301.0	802.60	389.22
Tremont	Court to Kempton	1,012.0	2,080.00	744.51
Warren	Brock ave. to W. French ave.	350.0	914.00	514.24
*** Whitman	West of Front			231.64
Wing	Sixth to County	310.0	620.00	306.81
Watching, lighting and watering				756.44
		36,957.90	81,756.79	\$47,353.71

* Incomplete

** Partly old

*** Carried forward from 1912.

Average cost per square yard \$0.54

Average tons of stone per square yard 0.35

MACADAM, REBUILT.

STREET DEPARTMENT

11

Street	Location	Length Feet	Area Sq. Yds.	Cost
Acushnet ave.	Brooklawn ave. S. Nash rd. to Belleville rd. Belleville road. to Covill County to Cottage { Rounds to Reed { Union to Arnold { Hawthorn to Maple { Mill to North { North of Rockdale ave. Logan to Weld Acushnet ave. to Bowditch Hawthorn to Maple, Court to Kempton, Mill to North, Hillman to North, Hillman to Maxfield, County to Reynolds West of Bowditch East of Belleville ave. West of Bowditch Arnold to Union, Union to Court, Hillman to Maxfield, Maxfield to Sycamore, Sycamore to N. L. of Willis, Willis to Parker, Arnold to Hawthorn, S. of Elm, Kempton to Mill, Hillman to Mill,	3,592.13	9,075.90	\$2,570.72
Arno d		875.0	1,798.60	699.05
Arnold place		816.0	1,640.00	648.41
Ash		555.0	1,110.00	654.54
Bolton road		215.0	621.00	69.00
Bowditch		331.0	662.00	313.39
Cedar Grove		230.0	472.00	201.77
Chancery		2,028.5	4,367.90	1,721.55
Clark		400.0	1,022.00	421.10
Coffin ave.		862.0	2,250.77	1,076.36
Coffin ave.		995.0	2,542.77	870.72
Coggeshall Cottage		682.0	1,364.00	591.77
		4,583.0	8,372.22	2,443.10

MACADAM, REBUILT — Continued.

Street	Location	Length Feet	Area Sq. Yds.	Cost
County	South of Purchase, North to Pearl, Linden to Hazzard, Peckham, South, South to S. of Fair, Russell to Union, Court to N. of Middle, High to North, North of Nye's Lane South of Allen, w. s. } South of Allen, e. s. }	6,941.0	16,658.90	\$4,081.92
County road	East of Purchase	2,300.0	5,877.00	2,736.37
Dartmouth	Cottage to Summer	751.6	2,048.60	527.18
Deane	East of Harbor	153.0	408.00	96.43
Elm	Oak to Hickory	461.0	307.00	98.88
Gifford	Cottage to Ash, }	300.0	822.00	550.10
Harrison	East of Chancery }	325.0	650.00	384.76
Hillman	West of Jenny Lind, }	786.0	1,541.30	976.16
Kempton	Summit to Mill, }	2,338.0	4,853.30	2,098.52
Madison	First to Second	169.0	338.00	186.34
Madison	Second to Acushnet Ave.	193.0	386.00	264.48
Maxfield	State to County, }	945.0	1,130.00	659.80
Mt. Pleasant	Pleasant to State, }	2,075.0	4,265.00	1,179.61
	Clark to Peckham, }	838.0	1,722.00	1,884.82
Mt. Pleasant	Peckham to Adams, }	23.0	61.00	17.00
North	Adams to Garfield,	192.5	234.40	113.00
Oneko lane	Durfee to Clark Square at Summer North of Coffin ave.			

MACADAM, REBUILT — Continued.

STREET DEPARTMENT

13

Street	Location	Length Feet	Area Sq. Yds.	Cost
Orchard	Rivet to Cove road	2,360.5	5,245.50	\$2,419.91
Page	North of Allen, "			
	South of Hawthorn, "	900.0	2,259.00	515.18
Park	Kempton to Smith, "			
	Arnold to Kempton, "	3,537.5	8,046.00	2,023.19
Parker	Cedar to Shawmut ave.	469.0	938.00	376.16
Riverside ave.	Coffin ave. to Hathaway ave.	1,045.5	2,671.80	1,575.95
Rivet	County to Juniper	2,799.5	5,104.50	3,460.92
Rotch	North of Arnold	890.0	2,274.00	813.49
School	Purchase to Pleasant	215.5	431.00	206.99
South Second	Chestnut to Summer	210.0	420.00	170.32
Spring	North of Cove	625.0	1,459.00	590.89
State	Sixth to County	704.0	1,408.00	560.44
Summer	Linden to Weld	532.0	1,093.55	329.42
Walnut	Robeson to Weld	1,434.0	2,654.44	462.12
Weld	Second to Purchase	450.0	900.00	405.83
W. French ave.	Purchase to Pleasant	229.0	713.00	252.62
Wing	South of Cove road, "			
	North of Warren, "	531.5	2,281.60	1,406.71
	Acushnet ave. to Purchase	209.0	419.00	156.39
Average cost per square yard - - \$0.38		52,097.73	114,920.05	\$43,862.78
Average tons of stone per square yard, 0.23				

MACADAM, REPAIRED.

Sundry Small Accounts — Total cost, - - - \$4,465.99

BITULITHIC PAVEMENT.

Street	Location	Sq. Yds.	Cost.
Acushnet Av.	Tallman to Nash rd.	9,501.00	\$26,060.67
First	South of Rivet.	134.00	342.29
*First			570.24
		9,635.00	\$26,973.20

* Incomplete in 1912.

Average Cost per sq. yd. \$2.74 (Includes grading.)

REPAIRS. - - - - \$3,471.46

Laying of Bitulithic done by contract by Warren Bros. Corp.,
Boston, Mass.

ENDURITE PAVEMENT.

Street	Sq. Yds.	Cost
Bedford at County	36.00	\$ 60.77
Pleasant at Bedford	53.26	78.90
Court—Cottage to Ash	1,794.00	4,232.06
Hawthorn—Chancery to Tremont	3,557.00	7,389.25
Kempton—Summer to Park	5,090.00	10,643.38
Union—Sixth to Ash	5,721.00	10,915.71
Retainer for :		
Ash St.		
Court St.		
Mechanics Lane		2,750.50
First St.		
Sixth St.		
Bridge St.		
	16,251.26	\$36,070.57

Average cost per sq. yd. \$2.05. (Includes grading)

Work done by contract by Warren Bros. Corporation, Boston, Mass.

BLOCK PAVING, Hassam System.

Street	Location	Sq. Yds.	Cost
*Acushnet Ave.	Weld Sq. to Tallman (relaid with old and partly new granite blocks)	7,501.02	\$9,701.55
Front	Logan to Coggeshall	5,413.00	20,091.69
Rivet	County to Second	2,080.01	6,696.97
Union	Sixth to County	1,209.17	4,183.70
		16,202.20	40,673.91

* Part paid by the New Bedford Gas Co.

Average cost per sq. yd. of granite block paving (Hassam System) \$3.56.

Laying of granite blocks (Hassam System) done by contract by Simpson Bros. Corporation, Boston, Mass.

BLOCK PAVING REPAIRS

\$1,908.78

STREETS LAID OUT AND ACCEPTED.

16

STREET DEPARTMENT

Street	From	To	Date of Acceptance	Length	Width
Brownell	Hawthorn	Maple	Mar. 26, 1913	301.19	50 feet
Bullock	Roswell	Potter	Aug. 25, 1913	903.26	" "
Calumet	Brock Ave.	West French Ave.	May 21, 1913	1,075.00	" "
Cedar Grove	Reynolds	Summer	Sept. 10, 1913	650.01	" "
Chaffee	Acushnet ave.	Bowlitch	June 11, 1913	525.00	" "
DeWolf	Mt. Vernon	Potter	Aug. 25, 1913	320.09	40 "
Fern	Allard	Apponagansett	Mar. 27, 1913	183.52	50 "
Front	Rivet	Potomska	Jan. 23, 1913	513.06	40 "
Harvard	Potter	Malden	Aug. 11, 1913	2,377.08	50 "
Hunter	Maxfield	Parker	Nov. 26, 1913	1,413.17	" "
Jenney	North	Hillman	May 21, 1913	255.57	" "
Liberty	Smith	Durfee	Nov. 28, 1913	2,774.48	" "
Lombard	Rockland	Northerly	Jan. 8, 1913	244.85	" "
Lowell	Brockton	Pine Grove Cemetery	Feb. 12, 1913	1,620.80	" "
Luke	Rockdale Ave.	Town Line	Dec. 26, 1913	962.25	" "
Malden	Highland	Shawmut Ave.	June 11, 1913	893.45	" "
Manilla	Bismark	Acushnet Ave.	Feb. 12, 1913	179.50	" "
Milton	Rockdale Ave.	Jenny Lind	July 9, 1913	665.77	40 "
Nausett	Mt. Pleasant	Hathaway Rd.	June 11, 1913	283.30	50 "
Oakland	Durfee	Grand	Aug. 25, 1913	712.43	" "
Peckam rd.	Acushnet line	Acushnet Ave.	Feb. 27, 1913	1,187.61	" "
Richmond	Durfee	Roswell	Aug. 25, 1913	432.68	" "
Reswell	Richmond	Bullock	Aug. 25, 1913	193.88	" "
Smith	Liberty	Hunter	Nov. 26, 1913	1,431.75	" "
Spencer	Willis	Parker	Dec. 26, 1913	294.78	40 "
Sylvester	Chancery	Caroline	Aug. 25, 1913	286.24	" "
Tacoma	Acushnet Ave.	Westerly	Sept. 24, 1913	1,541.56	50 "
Tilton	Chancery	Caroline	Dec. 26, 1913	308.82	40 "
Walker	Malden	Hathaway Rd.	June 11, 1913	440.21	50 "
Watson	Kempton	Northerly	June 11, 1913	295.55	40 "
Whitman	Acushnet Ave.	Westerly	Mar. 15, 1913	414.64	50 "

Total Length - - - 23,683.31 - 4.49 miles.

STREETS WIDENED.

Street	From	To	Date of Acceptance	Description
Hathaway Rd. Pleasant Pleasant	Mt. Pleasant Spring Elm	Shawmut Ave. Union Middle	Mar. 12, 1913 Sept. 10, 1913	Both Sides to 50 ft. length 1,655.84 10 ft. west side length 197.86 10 ft. west side length 181.89 By license from U.S. Treas. Dept.
Purchase Sixth Union	Union Spring Purchase	Elm Union Sixth	June 26, 1913 July 10, 1913 June 26, 1913	16.5 ft. west side length 663.21 10 ft. east side length 198.45 14 ft. south side length 425.84
Total Length				3,323.09

NAMES CHANGED.

Street	From	To	Date of Acceptance	Description
Asland Fifth Fourth Roland	Robeson Grinnell Rivet Richmond	Nausett Union Union Bollock	Mar. 31, 1913 Mar. 31, 1913 Mar. 31, 1913 Aug. 25, 1913	to Summer to Pleasant to Purchase to Roswell

FILLING AND GRADING.

Street	Location	Cost
Acorn	South of Durfee at Adams	\$ 430.63
Appleton - - -	and Metcalf, north of Tinkham, east of Pine Grove	432.48
Arnold	West of Rotch, east of Ocean { Reed to Rockdale ave. }	196.82
Arnold pl.	Union to Arnold	84.50
Ashland	North of Sawyer, south of Nausett	113.10
Bank	Matthew to Rockdale ave.	614.10
Beech	North of Maxfield	556.19
Belleville ave.	North of Hathaway	255.62
Bowditch		271.54
Brock ave.	West of car track north and south of Capitol	196.60
Brownell	Union to Arnold }	
	Maple to Hawthorn }	124.87
Capitol	West of Brock ave.	244.92
Caroline	Austin to Durfee }	
	North of Parker }	437.88
Cedar Grove	West of Myrtle	557.98
Chaffee	West of Acushnet ave.	1,247.56
	East of Bowditch }	
Central ave.	West of Bowditch }	51.88
Chancery	Maxfield to Hillman }	
	Tilton to Robeson }	78.32
Church	North of Belleville rd. }	
	North of Query }	273.68
Clifford	West of Acushnet Ave. }	
	West of Bowditch }	577.25
Clinton	Brownell to Rockdale Ave. }	
	Reed to Rockdale Ave. }	98.71
Clover		63.89
County rd.		231.64
DeWolf	Mt. Vernon to Durfee	194.19
Edison	North of Nash rd.	451.18
Elm	West of Liberty, Lindsey to Jenney }	
	James to Newton }	190.95
Eugenia	Brook to Bowditch	137.67
Fern		638.46
Frederick		111.50
Gilman	West of Bowditch	78.83
Glennon	West of Brook, west of Bowditch	362.76
Gould	South of Hawthorn	81.84
Grant	West of Rockdale ave. }	
	Rockdale ave. to Jenny Lind }	1,294.94
Grit	West of West French ave. }	
	West of Thatcher }	126.11
Harvard		91.00
Hawthorn	West of Rockdale ave.	106.68

FILLING AND GRADING — Continued.

Street	Location	Cost
Highland	South Hathaway rd. Durfee to Mt. Pleasant	\$ 914.60
Hillman	Rockdale ave. to Jenny Lind west of Rockdale ave. west of Liberty	1,145.66
Jenkins	Bolton rd. to Hemlock	824.83
Jenny Lind	South of Grant	398.29
Kempton	West of Watson	51.24
King	North of Nash rd.	55.51
Lafayette		59.80
Liberty	North of Maxfield } Maxfield to Hillman }	111.45
Lowell	Tarkiln Hill rd. to north of Holyoke	1,211.51
Maple	Reed to Rockdale ave.	892.35
Maxfield	East of Hunter, Hunter to Rockdale ave.	251.52
Middle	Newton to Liberty, west of Lindsey	133.60
Mt. Vernon - -	and Durfee	237.19
Milton	Rockdale ave. to Jenney Lind	336.06
Myrtle	Penniman to Peckham, north of Sawyer	1,186.72
Nash rd.	Hope to Belleville ave.	62.54
North	West of Rockdale ave.	873.44
Mt. Pleasant	South of Nash rd.	203.78
Plymouth	West of Brigham	58.27
Ricketson	East of Brock ave.	377.19
Rockdale ave.	West of Dartmouth, south of Hawthorn, south of Allen, Hemlock to Dartmouth, north of Maxfield	1,930.11
Scott	West of County	486.37
Seabury		50.52
Shawmut Ave.	North of Plainville rd. south of Hathaway rd.	61.53
Stephen	Rockdale ave. to Mathew	566.19
Summer	North of Sawyer	2,554.36
Summit	Hillman to North	452.00
Sutton		100.10
Tacoma	Acushnet ave to Wild Wood rd.	70.57
Tarkiln Hill rd.	East of Mt. Pleasant	611.71
Whitman	Acushnet ave. west to Brook	1,797.32
Winsper		517.21
Wood	West of Waldo	241.21
Sundry other streets	Costing less than \$50 each	923.02
		\$ 30,754.04

STREET WIDENINGS.

Hathaway rd.	West of Mt. Pleasant	\$ 522.58
Main	North side, west of Mill rd.	204.50
Shawmut ave.	East side; south of Hathaway rd.	35.09
		\$ 762.17

CURBING, NEW.

Street	Location	Length
*Acushnet ave.	E S - N of Rivet	40.00
*Acushnet ave.	W S - S of Wing	67.35
Acushnet ave.	N E - cor. Union	12.80
*	N W cor. Union	12.60
	E S - N of Union	114.90
*Acushnet ave.	W S - S of Elm	101.00
*Acushnet ave.	W S - N of Coggeshall	71.45
	N W cor. Coggeshall	12.50
Acushnet ave.	W S - N and S of Dean	247.16
	E S - N and S of Dean	219.30
	S W cor. Dean	12.50
	N W cor. Dean	8.30
Acushnet ave.	W S - N of Coffin ave.	116.35
Acushnet ave.	E S - N of Phillips ave.	198.60
Acushnet ave.	E S - N of Collette	106.30
Acushnet ave.	W S - N of Davis	70.00
*Acushnet ave.	E and W S - N of Earle	148.83
Acushnet ave.	E and W S - N of Hathaway	339.50
	S W cor. Hathaway	20.90
	S E cor. Hathaway	5.00
Acushnet ave.	E and W S - N of Tinkham	311.73
Acushnet ave.	S E cor. Nash rd.	17.45
Acushnet ave.	N E cor. Duncan	16.30
Acushnet ave.	E S - S of Ingraham	21.32
Acushnet ave.	E S - N of Perry	10.50
Adams	N S - W of County	59.20
Adams	N and S S - W of Mt. Pleasant	495.50
Allen	S S - W of Oak	68.00
Armour	W S - N of Arnold	164.15
	N W cor. Arnold	12.50
Armour	E S - S of Court	39.80
Arnold	N S - E of Rotch	89.50
Arnold	N S - W of Armour	44.60
Ash	W S - N of Hawthorn	26.20
Bedford	N S - E of Orchard	17.10
Bedford	N S - E of Anthony	35.00
Beech	W S - N of Maxfield	167.30
*Belleville rd.	S E Cor. Hope	23.60
Belleville rd.	N S - W of Brightman ct.	63.25
Bolton rd.	E S - N of Rivet	127.20
*Bowditch	S E cor. Whitman	25.30
	N E cor. Whitman	21.20
	S W cor. Whitman	25.80
	N W cor. Whitman	24.70
*Bowditch	S W cor. Eugenia	25.70
	N W cor. Eugenia	25.60
*Bowditch	N W cor. Query	23.90
	S W cor. Query	27.30
*Bowditch	4 corners Central	92.70
Bowditch	4 corners Shaw	61.00
Bowditch	4 corners Clifford	50.00

CURBING, NEW — Continued

Street	Location	Length
Bowditch	4 corners Princeton	61.00
Bowditch	S W — cor. Irvington	12.50
	S E — cor. Irvington	12.50
Briggs	Cor. Rivet	86.00
Briggs	W S — N of Thompson	65.90
Brigham	N of Priscilla	90.70
Brigham	E and W S — S of Hawthorn	121.00
Brock ave.	W S — N of Capitol	6.50
Brock ave.	E S — N of David	130.60
Brownell	W S — N of Ryan	49.95
Brownell	W S — N of Plymouth	82.10
Brownell	W S — S of Maple	44.70
	E S — S of Maple	5.70
	E S — N of Maple	65.00
	N E and S E corners Maple	25.00
Bullock	N E and N W corners Mt. Vernon	25.00
	E S — N of Mt. Vernon	7.00
	W S — N of Mt. Vernon	7.00
Buttonwood	Kempton to Lake	50.00
Campbell	S S — W of Summer	195.00
*Campbell	S E cor. Chestnut	12.40
Capitol	N W cor. Brock ave.	12.60
Caroline	E S — N of Parker	6.50
	E S — S of Robeson	6.00
	N E cor. Robeson	12.60
Carroll	S S — W of Parker	82.60
Cedar Grove	N S — E of Acushnet ave.	91.40
*Chancery	W S — S of Kempton	82.90
Clinton	S S between and Orchard	139.60
	N S — W of Rotch	60.60
Clover	N E cor. Grape	10.20
	S E cor. Allen	12.20
Coffin ave.	N S — W of Riverside ave.	53.90
	S S — E of North Front)	
	S S — W of North Front)	170.30
Coggeshall	W of Acushnet ave.	62.80
Collette	N S — W of Acushnet ave.	64.00
	S S — W of Bowditch	50.50
Collins	S S — W of Cottage	39.00
	N S — W of Cottage	68.30
*Collins	N S — W of Cottage	41.30
Collins	S E cor. Glover	12.50
Cottage	E S — S of Clinton	72.50
Cottage	N W cor. Court	25.00
Cottage	E S — N of Morgan	86.10
Cottage	E S Willow to Austin	45.00
County	S W cor. Court	12.50
	W S — S of Court	92.60
*County	W S — N of Kempton	75.20
	N W cor. Kempton	12.70
*County	E S — S of North	64.10

CURBING, NEW — Continued

Street	Location	Length
*County	E S — S of Hazard	67.80
Court	N E cor. Cedar	12.50
*Court	N S — W Cottage	56.30
*Court	S W cor. Cottage	12.50
	N and S S — W of Cottage	139.78
Court	N W cor. Ash	12.50
Court	N and S S — W of Newton	457.45
Court	N S — W of Tremont	116.20
	S S — E of Armour	65.27
	S E cor. Armour	12.50
Court	N W cor. Jenney	12.60
	N S — W of Jenney	72.20
Cove rd.	S S — W of Stapleton	80.00
*Dartmouth	E S — N of Grinnell	164.00
Dartmouth	S E cor. Rockdale ave.	12.50
*Dartmouth	S W cor. Rockdale ave.	7.00
David	N S — E of Brock ave.	56.40
	N E cor. Brock ave.	8.70
	N S — E of West French ave.	52.50
Deane	N and S S — Belle. ave. to No. Front	986.80
	S S — E of Brook	137.95
Delano	S S from cor. First	50.00
Dunbar	N S — West of Hemlock	178.00
Durfee	N E and W corners Highland	24.30
*Durfee	N S — E of Shawmut ave.	45.00
Durfee	N E cor. Oakland	13.00
Earle	N S — E of Brook	183.40
Eighth	N W cor. Union	12.50
*Eighth	E and W S — N of Union	257.90
Ellen	N S — W of Brock ave.	126.50
*Elm	S S — W of Acushnet ave.	80.10
*Elm	N S — E of Purchase	87.90
	N S — E of Purchase	12.50
Elm	4 corners James	50.10
Elm	N E, N W, S W corners Lindsey	37.70
Elm	N E and S E corners Jenney	25.30
Emerson	E S — N of Kempton	4.50
Emery	S S — W of Brock ave.	110.20
Eugenia	S S — E of Bowditch	85.40
First	N W cor. Madison	8.30
Florence	E S — Elm to Middle	47.00
*Franklin	N S — E of Pleasant	25.00
*Fruit	S S — E of Hemlock	57.40
George	N S — W of Brock ave.	46.30
Grant	S W and N W corners Rockdale ave.	25.00
	N S — E of Rockdale ave.	50.20
Grant	4 corners Jenny Lind	50.40
	N S — E of Jenny Lind	7.00
Grinnell	S S — N of County	45.40
Hatch	N W and S W corners Belleville ave.	25.00
*Hawthorn	N W cor. Chancery	12.50

CURBING, NEW -- Continued.

Street	Location	Length
*Hawthorn	Chancery to Tremont	745.80
*Hawthorn	S S - E of Page to Tremont	810.00
Hawthorn	S S - W of Brigham	39.10
	N S - E of Rotch	55.70
	S S - W of Brownell	97.00
*Hawthorn	S W cor. Palmer	12.50
Hawthorn	N S - E of Palmer	52.00
	S S - W of Palmer	76.50
Hemlock	N E cor. Rockdale ave.	12.50
	N W cor. Rockdale ave.	12.50
Highland	N of Mt. Vernon	14.60
	S E Cor. Mt. Vernon	12.50
	W S - S of Mt. Vernon	90.60
Hillman	S S - Rockdale to Chester	10.00
	N S - Rockdale to Jenny Lind	10.00
	N and S E corners Jenny Lind	25.00
Holly	W of Acushnet ave.	29.00
Ingraham	S S - E of Acushnet ave.	168.50
Jenny St.	West side S of Court	78.60
*Kempton	N S - W of County	169.10
	N W cor Summer	12.50
*Kempton	W of Summer	228.30
	Cor. Chestnut - W of Chestnut	129.60
*Kempton	S E cor. Cottage	12.40
	S S - W of Cottage	269.20
*Kempton	N S Cottage to Cedar	260.70
*Kempton	S E cor. Cedar	4.30
	N W cor. Cedar	15.90
*Kempton	S S - W of Cedar	295.90
	W of Ash - corners of Ash	408.10
*Kempton	4 corners Emerson - W of Emerson	326.10
	N W cor. Chancery	12.50
*Kempton	S E and N E corners Chancery	25.00
	Chancery to Park	209.40
Kempton	N S - Chancery to Cook	158.60
	N W and N E corners Cook	24.90
*	Cook to Park	68.10
	S E cor. Park	12.50
	E and W of Cemetery gate	12.00
	N S at Silk Mill	6.00
Leonard	S S - E of Water	24.50
Liberty	E S - S of Keene	3.00
	W S - N of North	7.00
Lindsey	S E cor. Elm	12.50
	E S - S of Elm	71.30
Locust	S S - E and W of Summer	90.70
	S S - W of Richmond	55.00
Maple	S S - E of Tremont	70.40
	W of Rotch	100.30
	S W, N W and N E corners Rounds	37.50
	W of Brownell	105.80

CURBING, NEW -- Continued.

Street	Location	Length
Maple	N W cor. Brownell	25.00
	S W cor. Brownell	12.50
	N E cor. Reed	12.50
	N and S S - E of Reed	9.00
*Maxfield	N S - E of Summer	8.07
Middle	N S - E of Chancery	5.30
	N E and S E corners Park	25.10
	N S - E of Park	7.75
	S W cor. Newton	12.60
	Corners of Liberty	62.60
	S W and S E corners Tremont	25.10
	N S - W of Tremont	5.00
	S S - W of James	4.50
	S W and N W corners James	27.50
Mill	N S and S S - E of Park	111.85
	N S - E of Beech	41.00
*Morgan	N S - E of Cottage	109.30
	N E cor Park	12.50
	N S - E of Park	5.70
Mt. Pleasant	W S - S of Adams	
	S W cor. Adams	77.20
Mt. Vernon	SE cor. Highland-E and W of Highland	93.60
*Myrtle	S W and N W corners Penniman	49.20
	N E cor. Cedar Grove	
	Head of Cedar Grove	
	S of Cedar Grove	152.70
*Nash rd.	W of and corners of Hope	103.60
Newton	W S - N and S of Court	390.90
	N W cor. Middle	12.40
	E S - S of Court	81.30
North	N S - E of Foster	55.50
*	S S - E of County	60.00
	N W cor. Liberty	12.40
*No. Front	Logan to Hicks	400.50
	Hicks to Washburn - cors. Washburn	371.00
	Washburn to Kenyon	278.50
	S E and N E corners Kenyon	25.00
	Kenyon to Cedar Grove	332.80
	S E and N E corners Cedar Grove	25.00
	Cedar Grove to Coggeshall	765.00
No. Oak	N of Pope	130.20
*Nye	N W - cor. of Acushnet Ave.	144.10
Palmer	W S - S of Carroll	51.20
	W S - S of Hawthorn	90.10
	N of Court	126.10
Park	N of Arnold	37.60
	E S - S of Mill	52.00
Parker	N E and N W corners Caroline	25.00
Perry	N S - E of Acushnet ave.	181.35
	N E cor. Acushnet ave.	11.40
Plymouth	Both sides west of Brigham	88.70

CURBING, NEW — Continued

Street	Location	Length
Pope	S S — E of Brownell	47.00
Priscilla	N S — E of Summer	50.20
Purchase	Gould to Brigham	161.80
	W S — N of Union	36.00
	N W cor. Elm	12.50
Reed	S E cor. of Maple	12.50
	E S — N of Union	131.00
Reynolds	W S — S of Cedar Grove	13.50
Richmond	W S — N of Willow	96.80
	E S — N of Austin	44.00
	W S — North Trinity	140.70
	S of Durfee	86.90
Riverside ave.	W S — N of Coffin ave.	50.50
Rivet	N W cor. Second	12.50
	N S — E of Acushnet ave.	182.15
	Cor. Briggs	52.00
*Robeson	N S — W of Summer	199.20
	At Cemetery Gate	20.50
Rockdale ave.	S E cor. Bolton	25.00
	Corners of North	50.10
	S W cor. Hillman	12.60
	E S — S of Maxfield	124.50
	N E and S E corners Maxfield	25.10
	N W cor. Milton	12.50
Rounds	E S — S of Maple	7.00
	W S — N of Arnold	50.00
	W S — S of Union	45.10
Ryan	N S — W of Brigham	6.30
	N S E and W of Brownell	88.64
Sawyer	N S — E of Bowditch	52.50
Sears	W S — N of Fair	211.90
Second	W S — N of Nelson	46.40
	W S — S of Rivet	9.30
	S W cor. Rivet	12.50
	E S — S of Spring	26.00
	E S — N of Police Barn	9.00
*Seventh	W S — N of Walnut	41.70
*Shawmut ave.	E S — north of Durfee	79.00
*Sixth	W S — S of Spring	68.60
Slocum Bridge	Corners River rd. E of River rd.	812.20
Smith	S S — Summer to Chestnut	30.00
*South	S W cor. County	54.20
	W of County, both sides	158.80
Spooner	S S — W of Lombard	71.00
*Stackhouse	S W cor. Rockdale ave.	12.00
*State	W S — S of Sycamore	70.60
*Stephen	S W cor. Rockdale ave	12.00
Studley	S S — W of County	213.00
*Summer	W S — S of Weld	77.00
Sycamore	S W cor. Emerson	58.10
Thompson	S S — E of Briggs	50.10

CURBING, NEW -- Continued.

Street	Location	Length
*Tinkham	S E and N E corners Hope	49.50
Tremont	E S - N and S of Maple	89.40
	E S - S of Court	219.90
	N W cor. Elm	12.60
*	W S - N of Elm	5.00
	W S - N of Middle	76.50
	S of Kempton	
	S E and S W corners Kempton }	123.70
Trinity	N S - E of Richmond	69.60
Union	N E cor. Second	16.00
*	N S - Second to Acushnet ave.	18.00
	S S - W of Pleasant	52.20
*	Sixth to Seventh	202.60
*	Sixth to County	125.00
*	Seventh to Eighth	182.40
*	Eighth to County	134.20
	N S - West of County	204.15
	S E cor. Orchard	12.60
*	N E and N W corners Cottage	25.00
*	Cottage to Ash	851.40
	N S W of Newton	355.50
	S S - West of Ocean	46.00
	N S - E of Rotch	40.00
	N S - Rotch to Armour	42.50
Vine	N of Durfee	165.20
Water	Both sides N of Morton ct.	86.60
	Both sides N of Cove rd.	87.00
*	E S - S of Leonard	92.00
Weld	S S - W of County	303.00
West	N E cor. Grape	11.75
	S E cor. Allen	12.50
*Whitman	S E and N E cor. Hope	49.32
William	S W cor. Acushnet ave.	15.20
Willow	N S - Cottage to Cedar	282.20
*	N W cor. Richmond	12.50
	S S - E of Richmond	56.00
	N S - W of Richmond	55.80
Wing	S S - W of Acushnet ave.	103.30
		<hr/> 29,783.47

* Partly old.

Cost of new curb	\$26,931.52
Cost per foot	1.02
Cost per foot of stone	.55

CURBING RELAID:

Cost relaid	855.56
Sundry repairs	591.13

GUTTERS, NEW, 1913.

Street	Location	Length Feet	Area Sq. Yds.	Cost
Adams	N S Mt. Pleasant - Highland	528.00	205.00	
	S S Mt. Pleasant - Highland	521.00	203.00	309.58
Armour	N S - Union to Court	231.00	89.80	111.77
Belleville ave.	E S - N of Hathaway ave.	1,123.00	436.70	292.83
Bolton	E S - N of Rockdale ave.			
	W S - N of Rockdale ave.	430.50	167.41	96.95
Bowditch	B S - N of Nash rd.			
	B S - N of Whitman			
	B S - N of Belleville rd.			
	B S - N of Eugenia			
	W S - N of Glennon			
	W S - N of Query			
	B S - N of Central			
	B S - N of Shaw			
	B S - N of Clifford			
	B S - N of Princeton			
	Clifford, E of Bowditch	4,544.60	2,000.47	995.43
Brock ave.	W S Lucas to Capitol	468.00	156.00	223.71
Brownell	S S - Arnold to Union			
	N S - Arnold to Union	1,210.00	470.40	362.55
Calumet	BS from corners of Brock ave.	1,000.00	333.34	219.18
Capitol	B S - W of Brock Ave.	2,333.00	907.20	46.00
Cedar Grove	B S - Reynolds to Myrtle	620.00	241.00	327.11
Clinton	B S - W of Rotch	120.50	46.80	16.96
Clover	W S - S of Allen	162.60	54.20	168.08
Coggeshall	S S - W of Bannister	194.00	75.40	32.25
Desautels	W S - N of Nash rd.	110.00	42.77	24.00
Earle	N S - W of Belleville Ave.	475.50	185.02	85.05
Elm	B S - E of Park			
	B S - Tremont to James			
	B S - James to Lindsey			
	B S - Lindsey to Jenny	1,789.60	662.75	296.81
Glover	B S - Austin to Collins	620.50	241.30	128.89
Gould	W S - Priscilla to Hawthorn	295.00	1,147.00	45.47
Grant	Rockdale Ave. to Jenny Lind			
	S S - E of Jenny Lind	812.00	315.77	235.53
Grit	S S - W of West French ave.			
	N S - W of First	756.50	279.80	235.63
Harrison	Oak to Hickory	325.00	108.30	115.08
Hatch	B S - W of Belleville ave.	837.00	325.40	164.69
Hillman	N S - W of Rockdale ave.	458.00	178.00	106.19
Hope	E S - N of Hathaway			
	E S - N of Tinkham			
	E S - N of Nash rd.			
	E S - N of Whitman			
	Belleville rd., S S - E of Hope	1,201.50	467.24	257.15
Jenny Lind	B S - Milton to Grant			
	E S Hillman to Milton			
	E S - Rogers to Grant	1,157.00	449.95	428.22

GUTTERS, NEW, 1913 — Continued.

Street	Location	Length Feet	Area Sq. Yds.	Cost
Kempton	N S — Jenny Lind to Watson			
	N S — Watson, west	1,099.00	434.00	687.67
Liberty	W S — North to Hillman	258.00	860.00	46.79
*Maple	B S — W of Rotch			
	B S — Brownell to Reed	1,043.50	405.66	523.12
Middle	N S — E of Park			
	B S — Newton to Liberty			
	B S — Liberty to Tremont			
	B S — Tremont to James	1,342.50	507.45	285.88
Milton	N S — E of Jenny Lind			
	B S — W of Rockdale ave.	1,008.50	392.29	409.75
Morgan	B S — E of Park	540.00	180.00	100.45
Mt. Vernon	N S at Highland			
	S S — W of Highland			
	Highland — B S N Mt. Vernon			
	Highland — B S — Durfee to Mt. Vernon	2,802.00	1,043.10	658.83
Myrtle	B S — Peckham to Coggeshall			
	E S — N of Coggeshall	1,485.00	677.54	353.38
Nash rd.	B S — Belleville ave. to Hope	634.50	246.75	141.15
Park	E S — N of Kempton	125.00	41.00	27.35
Penniman	B S — Myrtle to Summer	637.50	248.05	185.01
Rockdale ave.	N S — W of Cove rd.			
	B S — W Bolton			
	N S — W Hemlock			
	B S — Mill to Hillman			
	B S — Hillman to Maxfield			
	E S — Maxfield north	3,970.50	1,643.92	1,134.26
Rounds	B S — Arnold to Union	1,127.00	438.40	165.86
Scott	B S — Crapo east	1,252.00	485.70	308.37
Shore	W S — N Grit	60.00	20.00	10.00
Slocum	B S — E River rd.	236.40	91.90	133.86
Tarkiln Hill rd	B S — E Bowditch	1,044.00	463.80	392.30
West	E S — S of Allen	400.00	133.30	100.60
Lighting				174.33
Stock	4,094 tons cobble paving stones			4,094.00
		41,389.20	18,102.88	\$15,258.07

* Incomplete.

Cost per sq. yd. \$0.84.

Cost per L. foot 0.36.

GUTTERS REPAIRED, 1913.

Total Cost

\$2,335.23

GRANOLITHIC, 1913.

Street	Location	Area Sq. Yds.
Acushnet ave.	E S - N of Rivet	28.00
Acushnet ave.	S W cor. Wing	147.28
Acushnet ave.	S W cor. Elm	89.91
Acushnet ave.	E S - N of Logan	121.05
Acushnet ave.	E S - N of Marvin	37.91
Acushnet ave.	N W cor. Coggeshall	85.69
Acushnet ave.	W S - S of Bentley	32.40
Acushnet ave.	S W cor. Sawyer	42.49
Acushnet ave.	S W cor. Hathaway ave	108.39
Acushnet ave.	E S - S of Ingraham	290.44
Adams	N S - W of County	62.00
Adams	S W cor. Mt. Pleasant	206.94
Adams	N S - W of Mt. Pleasant	138.50
Allen	N S - W of Briggs ct.	60.94
Allen	S S - W of Cottage	40.13
Allen	S S - E of Cottage	39.13
Armour	N W cor. Arnold	106.63
Armour	S E cor. Court	67.67
Arnold	N W cor. Armour	22.54
Arnold	N S - E of Rotch	44.74
Atlantic	N of Arnold	43.22
Beech	W S - N of Maxfield	99.22
Bedford	N S - E of Anthony	22.50
Belleville rd.	N W cor. Brightman ct.	28.77
Bolton rd.	E S - N of Rivet	58.32
Bowditch	S W cor. Collette	107.90
Brigham	N of Priscilla	57.62
Brigham	E S - S of Hawthorn	68.28
Brock ave.	N E. cor. David	172.20
Brownell	W S - S of Carroll	29.12
Brownell	W S - S of Maple	23.82
Bullard	S S - E of Bowditch	620.98
Cedar	E S - N of Parker	50.52
Clinton	S S - E of Cottage	33.61
Clinton	W of Rotch	29.56
Coffin ave.	E of Front	137.53
Coffin ave.	S S - W of North Front	42.80
Coggeshall	N S - W of Acushnet ave.	39.05
Collette	N S - W of Acushnet ave.	106.60
Collins	N S - W of Cottage	88.64
Collins	S S - E of Glover	22.24
Columbia	N of Clay	27.26
Cottage	S E cor. Clinton	98.17
Cottage	E S - S of Kempton	62.25
Cottage	W S - N of Parker	52.77
Cottage	E S - S of Austin	44.61
County	N W cor. South	38.94
County	S W cor. South	91.08
County	S W cor. Court	311.64
County	N W cor. Kempton	205.78
County	S E cor. North	122.97

GRANOLITHIC, 1913.

Street	Location	Area Sq. Yds.
County	S W cor. Maxfield	62.32
County	E S - of Hazzard	78.12
Court	N S - W of Cottage	52.56
Court	N W cor. Newton	53.48
Court	Cor. Tremont	147.46
Dartmouth	E S - N of Grinnell	78.70
Dartmouth	N E cor. Grinnell	5.74
David	N E cor. Brock	63.65
David	N S - E of West French ave.	27.24
Deane	S S - E of Brook	55.29
Deane	No. 186	40.41
Deane	No. 154	27.05
Earle	N S - E of Brook	82.85
Ellen	N S - W of Brock ave.	78.83
Elm	S W cor. Acushnet ave.	67.52
Elm	S E cor. Lindsey	37.51
Emery	W of Brock	70.39
Eugenia	S S - E of Bowditch	66.33
Fairh'n Bridge	S S - Head Huttleston ave.	521.98
Florence	E S - S of Middle	21.14
Franklin	N S - W of Purchase	19.87
Fruit	S S - E of Hemlock	45.41
George	N S - W of Brock ave.	27.54
Grant	W of Rockdale ave.	32.39
Grinnell	S S - E of Crapo	24.56
Hawthorn	S W cor. Brigham	83.20
Hawthorn	N S - E of Rotch ave.	30.79
High	Rear of No. 220	12.00
Highland	S W cor. Mt. Vernon	54.87
Holly	S S - W of Acushnet ave.	104.78
Kempton	N E cor. Pleasant	101.89
Kempton	N W cor. Pleasant	29.13
Kempton	N S - E of Cedar	20.88
Kempton	S W cor. Chancery	108.06
Lincoln	N of Arnold No. 27	36.33
Lincoln	N of Arnold No. 31	27.80
Lincoln	N of Arnold No. 35	36.17
Lindsey	E S - S of Elm	24.00
Locust	S S - W of County	39.47
Locust	S W cor. Summer	96.16
Locust	S S - W of Richmond	26.75
Maple	S S - W of Rotch	27.02
Maple	N S - W of Rotch	32.75
Maple	S S - W of Brownell	62.17
Maxfield	S E cor. County	12.17
Maxfield	N E cor. Summer	46.31
Merrimac	N S - W of Summer	45.78
Morgan	N E cor. Cottage	102.85
Morgan	E of Park	23.11
Middle	N S - E of County	27.66
Mill	N S - E of Beech	16.86
Myrtle	E S - S of Cedar Grove	58.46

GRANOLITHIC, 1913.

Street	Location	Area Sq. Yds.
Nash rd.	S S - W of Hope	29.40
Newton	W S - N of Court	21.26
Newton	W S - N of Court	22.31
Newton	W S - N of Court	21.16
Newton	N of Court	21.25
Newton	N W cor. Court	86.03
North	N E cor. Foster	49.00
North Oak	W S - N of Pope	31.97
Ocean	E S - S of Union	43.52
Palmer	E S - N of Court	20.87
Palmer	N of Court	20.25
Palmer	W S - N of Court	19.08
Park	N of Court	20.64
Park	S of Morgan	20.58
Park	S E cor. Mill	103.16
Perry	N S - E of Acushnet ave.	45.34
Pleasant	N of Russell No. 62	49.02
Pleasant	N of Russell No. 64	63.43
Pleasant	N W cor. Kempton	51.24
Plymouth	S S - W of Brigham	21.50
Pope	N S - W of County	34.33
Priscilla	S S - E of Brigham	45.00
Priscilla	N S - W of Gould	25.56
Priscilla	N W cor. Gould	24.29
Purchase	W S - N of Union	36.98
Purchase	N of William	80.90
Purchase	W S - S of Elm	80.90
Purchase	N E cor. Elm	77.27
Rivet	S W cor. Second	25.33
Robeson	N S - W of Summer	226.85
Robeson	N S - E of Cottage	80.00
Rounds	W S - S of Union	24.59
Ryan	N S - W of Brownell	29.50
Ryan	N S - E of Brownell	25.55
Sawyer	N E cor. Bowditch	157.74
Seventh	W S - S of School	43.28
Sixth	E S - S of Market	49.23
Smith	S S - E of Chestnut	48.25
South	N W cor. County	84.94
South First	E S - N of Cove	34.58
South Second	W S - N of Nelson	41.23
South Second	W S - S of Division	30.17
South Second	W S - S of Rivet	74.03
South Second	E S - N of School	42.53
South Sixth	S of Spring	55.61
Shawmut ave	N E cor. Durfee	136.33
South Water	W S - N of Cove	29.06
State	W S - S of Sycamore	42.39
Studley	S S - W of County	121.67
Summer	E S - S of Merrimac	39.90
Summer	E S - S of Weld	23.75

GRANOLITHIC, 1913, — Continued.

Street	Location	Area Sq. Yds.
Sycamore	S W cor. Emerson	18.23
Thompson	S S — E of Briggs	23.43
Tremont	N E cor. Union	89.19
Tremont	W S — N of Kempton	23.11
Tremont	W S — N of Middle	44.28
Tremont	W S — N of Middle	23.15
Tremont	W S — N of Middle	25.62
Union	N E cor. Acushnet Ave.	114.77
Union	N S — W of Second 113 — 139	166.24
Union	N W cor. Eighth	237.26
Union	S S — E of County	49.75
Union	N W cor. Newton	168.74
Union	S S — W of Ocean	27.86
Union	W of Rotch	30.14
Union	N S — E of Rotch	26.99
Vine	W S — N of Durfee No. 41	21.50
Vine	W S — N of Durfee " 45	21.37
Vine	W S — N of Durfee " 49	21.19
Vine	W S — N of Durfee " 51	21.80
Water	N of Cove	70.43
Water	W S — N of Cove	40.69
Water	S E cor. south	36.24
Water	N E cor. Morton Ct.	46.55
Water	E S — S of Morton Ct.	44.36
Water	S E cor. Leonard	98.98
William	Pleasant — Sixth — Mechanics Lane	674.26
Wing	W of Acushnet Ave.	30.57
		<hr/> 12,615.96

Labor — digging — preparing foundation	\$ 9,559.11
Contracted bills — laying concrete	10,604.25

Total,	<hr/> \$20,163.36
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Average cost per square yard	\$ 1.59
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DUST PREVENTION.

WATERING STREETS.

One (1) Electric Car Sprinkler, contracted from the American Car Sprinkler Co.

Sprinkling from May 7th to September 30th, 1913.

American Car Sprinkler Co.	\$2,235.56
New Bedford Water Works	911.59
Labor and Miscellaneous Charges (city sprinkling carts)	1,055.66
Total Cost,	<u>\$4,202.81</u>

OILING STREETS.

Cost of material :

Dustoline,	\$20,598.57
Cost of application,	960.96
Total cost,	<u>\$21,559.53</u>

DUST LAYING WITH DUSTOLINE, 1913.

Streets given	Gal.	Sq. Yds.	Miles.
1st coat		1,274,486	80.22
2nd coat		377,763	24.39
3rd coat		78,342	4.67
Total	<u>240,421</u>	<u>1,730,591</u>	<u>109.28</u>

	per gal.	per sq. yd. 1 coat.	Total
Gallons of oil,		.13884	240,421
Cost of oil,	\$.0857	\$.01190	\$20,598.57
Cost of Labor,	\$.0040	\$.00055	\$960.96
Total cost,	<u>\$.0897</u>	<u>\$.01245</u>	<u>\$21,559.53</u>

STONE CRUSHERS.

CENTER CRUSHER :

	Tons	Total Tons
Amount of stone on hand Dec. 1, 1912	200	
“ “ “ bought	40,114	
“ “ “ received from City work	4,265	
		<hr/> 44,579

SOUTH CRUSHER :

Amount of stone on hand Dec 1, 1912	600	
“ “ “ bought	12,729	
“ “ “ received from City work	1,353	
		<hr/> 14,682

NORTH CRUSHER :

Amount of stone on hand Dec. 1, 1912.	200	
“ “ “ bought	13739	
“ “ “ received from City work	743	
		<hr/> 14,682

PORTABLE CRUSHER :

Amount of stone on hand Dec. 1, 1912	....
“ “ “ bought	1,712	
“ “ “ received from City work	
		<hr/> 1,712

Total amount of stone at the four crushers	<hr/> 75,655
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Crushed stone on hand Dec. 1, 1913.

Center Crusher	800	
South Crusher	800	
North Crusher	75	
Portable Crusher	150	
		<hr/> 1,825

Amount of stone crushed during the year	<hr/> 73,830
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Total cost of crushed stone.....	\$78,343.18
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Cost per ton.....	1.061
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STABLE AND TEAMING ACCOUNT.

Stock on hand Dec. 1, 1913 (horses, carts, harnesses, hay, grain, etc.)				\$32,254.18
Teaming	Labor.	Teaming.	Stock.	Total.
	\$20,161.99	\$10.22	\$9,275.50	\$29,447.71
Carts repaired	3,202.96		606.07	3,809.03
Carts painted, }	6,401.10	47.01	389.59	6,837.70
Stable,				
				40,094.44
				\$72,348.62
Credits received:				
Dressing and pigs,				523.65
Stock on hand Dec. 1, 1913,				30,848.45
				31,372.10
				\$40,976.52
Cost of teaming				
Charge for work done by teams,				\$35,095.57
Loss in operating teams,				\$ 5,880.95

DEPARTMENT HORSES.

Working horses,	40
Driving horse,	1
	<hr/>
	41

CARTS IN USE.

Double carts,	13
Single carts, 4 wheels,	6
Express wagons,	4
Eagle wagons,	2

EXTRA CARTS, ETC.

Sundown,	1
Light driving wagon,	1
Concord buggy,	1
Water carts,	11
Jiggers,	2
Single gears,	3
Derrick gears,	2
Sleighs,	2
Road scrapers,	2
Street sweepers,	3
Sand spreader,	1
Pungs,	4

HIGHWAYS AND STREETS.

	1908	1909	1910	1911	1912	1913
Macadam, new,	\$14,111.73	\$30,478.23	\$48,582.12	\$42,582.12	\$52,163.20	\$47,353.71
Macadam, repaired,	4,608.99	3,316.85	5,983.60	5,829.98	5,634.70	4,465.99
Macadam, rebuilt,	37,004.17	24,576.83	19,316.16	34,601.86	32,142.83	43,862.78
Bitulithic & Endurite						
Paving,	8,906.89		39,211.88	74,264.76	46,973.44	63,043.77
Streets filled and graded,	31,709.17	19,599.16	30,481.70	41,355.68	58,205.26	31,516.21
Curbings, new and relaid,	13,531.96	11,878.61	24,229.44	29,342.59	21,633.79	27,787.08
Gutters, new	5,970.87	11,915.92	22,073.25	13,940.52	25,077.59	15,258.07
Gutters, repaired	1,213.02	670.80	1,284.36	1,049.96	1,431.06	2,335.23
Concrete sidewalks, new,	99.38	195.71				
Concrete sidewalks, reprd	3,006.67	2,072.02	1,540.26	688.16	5,202.76	1,925.57
Gravel and cinder walks,	15,497.13	14,779.88	16,969.43	17,913.19	25,782.02	19,827.49
Granolithic,	16,939.92	12,841.58	18,485.50	27,977.23	20,648.56	20,163.36
*Paving, new; granite block	31,502.58	51,843.62	45,668.09	49,232.65	49,906.37	40,673.91
Paving, repaired,						
block and cobble	2,849.40	1,580.16	5,925.93	2,373.09	1,214.82	3,376.02
Flagging, new and reprd	1,699.34	500.18	1,018.00	1,885.46	1,423.58	3,569.97
Crosswalks, new and reprd	255.86	224.48	296.73	216.61	243.72	218.66
Sweeping and cleaning sts	25,330.50	29,295.99	53,367.52	62,531.03	68,624.40	70,944.56
Removing snow and ice,	3,144.93	220.30	9,022.83	5,013.01	1,488.45	850.77
Collecting ashes,	23,348.17	24,267.73	32,439.69	42,085.20	41,471.66	45,587.48
Filling holes in streets,	1,112.60	1,263.19	1,183.69	1,292.07	3,001.31	1,310.19

* Includes relaying Acushnet avenue.

STREET DEPARTMENT

MACADAM.

NEW:	1908	1909	1910	1911	1912	1913
Length in feet,	10,526.40	23,267.00	38,929.90	38,898.40	38,224.10	36,957.90
Area in Square yards,	25,925.05	55,484.21	92,318.41	92,392.60	91,564.00	81,756.79
Tons of stone used,	.....	21,432.99	31,973.47	23,044.67	30,010.00	28,615.00
Total cost,	14,111.73	30,378.23	\$48,582.13	\$42,909.05	\$52,163.20	\$47,353.71
Cost per square yard,	.54	.54	.529	.518	.603	.54
Average tons of stone used per sq. yd.	.....	.40	.342	.307	.348	.35
REBUILT:						
Length in feet,	35,062.50	21,387.59	17,443.10	23,535.60	35,173.00	52,097.73
Area in square yards,	82,332.44	51,322.73	39,049.40	44,020.30	73,708.00	114,920.05
Tons of stone used,	.....	18,016.45	9,886.15	13,050.19	16,445.00	26,432.00
Total cost,	\$37,004.17	\$24,576.83	\$19,316.16	\$34,601.86	\$32,124.83	\$43,862.78
Cost per square yard,	.449	.477	.462	.46	.421	.38
Average tons of stone used per sq. yd.,	.....	.351	.291	.201	.223	.23
REPAIRED:						
Total cost,	\$ 4,608.99	\$ 3,316.85	\$ 5,983.60	\$ 3,829.98	\$ 5,643.70	\$ 4,465.99

BITULITHIC.

	1908	1909	1910	1911	1912	1913
Length, new,	1,036.00	.....	3,707.30	.....	1,904.00	.....
Area in square yards,	3,934.00	.....	13,263.86	30,567.17	4,558.94	9,635.00
Total cost,	\$8,906.89	.....	39,211.88	74,264.76	10,342.75	26,973.20
Cost per Square yard,	\$ 2.264	.....	2.956	2.44	2.53	2.74
Top Coat:						
Length,	.....	.....	.....	.....	.....	.....
Area in Square yards,	.....	.....	.....	.....	.....	.....
Total cost,	.....	.....	.....	\$ 5,046.02	\$4,122.55	.....

ENDURITE.

	1908	1909	1910	1911	1912	1913
Length,	4,368.30	.....
Area in square yards,	19,377.11	16,251.26
Total cost,	\$30,376.65	\$36,070.57
Cost per Square Yard,	\$ 1.63	2.05

STONE PAVING.

	1908	1909	1910	1911	1912	1913
Granite block, concrete foundation:						
Area in square yards,	8,366.85	13,530.64	12,396.59	15,907.6	13,310.62	16,203.20
Cost,	\$31,072.06	\$51,843.62	\$45,668.09	\$48,708.34	\$47,267.44	\$40,673.91
Cost per square yard,	\$ 3.713	3.85	3.684	3.51	3.574	3.56
Cobble:						
Area in square yards,	840.00	.....	.....	.....	.....	.....
Cost,	430.52	.....	.....	.....	.....	.....
Cost per square yard,	\$.51	.....	.....	.....	.....	.....

HIGHWAYS AND STREETS.

CURBING:	1908	1909	1910	1911	1912	1913
Length,	14,605.05	13,124.80	21,944.60	28,166.96	19,724.41	29,783.47
Cost,	\$12,167.39	\$ 9,973.08	\$13,181.65	\$26,047.74	\$19,260.32	\$26,931.52
Cost per foot	.883	.835	.898	.98	1.01	1.02
Cost per foot of stone	.550	.550	.550	.49	.50	.55
Cost per foot of labor	.285	.285	.348	.49	.51	.47
Total Cost of Curbing Relaid	.....	\$ 1,905.53	\$11,047.53	\$ 3,045.97	\$ 1,966.29	\$ 855.56

GUTTERS.

	1908	1909	1910	1911	1912	1913
NEW.						
Length in feet,	22,405.50	42,527.24	64,697.80	38,995.70	72,428.00	41,389.20
Average width,	.....	3.50	3.50	3.50	3.50	3.50
Area in square yards,	8,531.80	15,717.55	26,392.40	15,244.25	27,484.09	18,102.88
Cost,	\$5,970.87	\$11,915.92	\$22,073.25	\$13,940.52	\$25,077.59	\$15,258.07
Cost per square yard,	\$.66	.758	.825	.893	.912	.84
Cost per foot in length of average width,	\$.266	.28	.341	.35	.346	.36
REPAIRED:						
Length in feet,	4,020.00	.....	3,483.16	1,089.00	.....	.....
Area in square yards,	1,527.00	.....	1,436.00	367.70	.....	.....
Cost,	\$1,213.02	\$ 670.80	\$ 1,284.36	\$ 1,049.69	\$1,431.06	\$ 2,335.23
Cost per square yard,	\$.336	.....	.....	.....	.....	.....
Cost per foot in length,	\$.127	.....	.....	.....	.....	.....

Bridges.

BRIDGES.

Appropriation,	\$8,600.00
Expenditures,	8,932.95
	<hr/>
Dr. Balance	\$332.95
* Total cost of N. B. F. Draw Bridge,	\$ 8,798.79
** Total cost of Coggeshall St. Bridge,	134.16
<hr/>	
* One-fifth share to Town of Fairhaven,	\$ 1,759.76
** One-fourth share of Town of Fairhaven,	33.54

ANNUAL REPORT OF THE NEW BEDFORD AND FAIRHAVEN DRAWBRIDGE.
Year Ending December 31, 1913.

1913	Boats	Tow Boats	Barges	Schooners	Steamers	Vessels	Openings	Tons	Miscellaneous
January	6	188	77	0	14	285	194	37600	
February,	11	178	67	0	14	270	176	42500	600 bbl. oil.
March,	28	150	54	0	22	254	174	34700	
April,	92	126	56	0	12	286	207	41900	
May,	275	142	67	0	27	511	386	46100	
June,	283	140	69	0	18	510	377	38550	600 bbl. oil.
July,	317	106	44	2	27	496	391	27500	1600 T. stone 600 bbl. oil.
August,	344	120	49	0	39	552	397	26150	
September,	199	120	57	2	29	407	307	30200	
October,	181	166	57	2	27	433	315	45650	600 bbl. oil.
November,	110	148	63	0	18	339	249	40500	
December,	42	122	56	2	30	252	176	32450	600 bbl. oil.
Total,	1888	1706	716	8	277	4595	3349	443800	

City Forestry.

CITY FORESTRY.

Appropriation,		\$6,000.00
	CR.	
Expenditures,		4,716.13
Cr. balance		<u>\$1,283.87</u>

EXPENDITURES.

Cutting removing and trimming trees,	\$3,089.23
Moth hunting,	806.71
Tree planting, (labor)	820.19
	<u>\$4,716.13</u>

93,066 browntail moth nests have been destroyed.

Sewers and Drains.

SEWERS AND DRAINS.

Appropriation,	\$20,000.00	
Receipts,	36,521.08	
Transfers to balance,	15,873.95	
Stock on hand, Dec. 4, 1912,	4,245.66	
		<hr/>
		\$76,640.69

NET EXPENDITURES.

Appropriation,	\$20,000.00	
Transfers to balance,	15,873.95	
		<hr/>
		\$35,873.95

GROSS EXPENDITURES.

	Total.
Auto truck,	\$1,755.26
Boiler Repairs,	285.01
Catch-Basins, new,	9,580.96
Catch-Basins cleaned,	13,140.06
Catch-Basins Repaired,	675.03
Culverts, repaired and cleared,	234.09
Equipments,	440.00
Eyeholes, new and repaired,	309.34
Manholes,	297.59
Main and Stable Office work	2,278.07
Miscellaneous,	165.26
Rebates,	70.00
Sewers, cleared and repaired	500.46
Surface Drain	1,030.36
Stock, Carting and Handling	590.68
Sewer Machinery repairs,	782.39
Tools, new and repaired	1,711.83
Drains, to Houses, new, repaired, and cleared	14,755.90
Stock on hand Dec. 1, 1913	4,565.31
Stock, Labor and teaming charged at cost	23,473.09
	<hr/>
	\$76,640.69

Stock on hand Dec. 4, 1912	\$ 4,255.66
Stock on hand Dec. 1, 1913	4,565.31
	<hr/>
Increase in stock,	\$ 309.65

SEWERS AND DRAINS.

Year	Net Expenditure	New Work	Maintenance and Repairs	Stock on Hand Decreased	Stock Hand Increased
1908	\$19,126.49	\$3,325.62	\$16,946.06	1,145.19	
1909	13,633.79	753.05	12,903.57	22.83	
1910	16,022.76	232.95	15,807.59	17.78	
1911	32,695.62	10,524.08	19,760.25		\$2,411.29
1912	27,987.11	9,037.63	17,317.89		1,631.59
1913	35,873.95	11,452.44	24,421.51		309.65

DRAINS LAID.

22	5 inch	670 feet	\$ 363.93	
413	6 inch	15017 "	9474.91	
9	8 inch	358 "	567.29	
6	10 inch	520 "	2255.84	
	12 inch	58 "		
1	18 inch	14 "	222.78	
451		16637 feet	\$12,884.75	
New drains laid, cost,				
44 drains repaired, cost,			\$12884.75	
321 drains, cleared, cost,			584.07	
			912.70	
Total cost of drains, new, repaired and cleared,			\$14,381.52	

CATCH BASINS, NEW.

Street	Location	Cost
Acushnet ave.	{ N W cor. Coggeshall	
	{ W S, N of Coggeshall	\$145.10
Acushnet ave.	W S, 63' N of the N L of Cedar Grove	83.81
Acushnet ave.	N W cor. Coffin ave. (2)	118.70
Acushnet ave.	Cor. of Belleville rd.	86.74
Allen St.	S W cor. Clover	69.94
Allen St.	S W cor. Devoll	85.21
Allen St.	S W cor. West	84.61
Belleville ave.	Cor. Nash rd	88.15
*Bowditch	W S, N of Belleville rd.	91.29
Brock ave.	S W cor. Emma	74.49
Bullock	{ N E cor. Mt. Vernon	
	{ N W cor. " "	147.31
Capitol	N W cor. Brock Ave.	86.26
Caroline	N E cor. Robeson	70.24
Cedar Grove	S W cor. Reynolds	97.13
Chestnut	N E cor. Kempton	74.13
County	S W cor. Union	66.70
County	N W cor. Fair	113.02
*County road	Near Phillips rd.	55.90
Court	N W cor. Rounds	81.95
Dartmouth	{ N W cor. Borden	
	{ N E cor. Borden	74.41
Dartmouth	{ S E cor. Rockdale ave.	
	{ S W cor. " "	162.05
Durfee	W S, between Acorn and Caroline	58.24
Durfee	N E cor. Oakland	68.48
Ellen	S W cor. Brock ave.	79.51
Elm	N E cor. Tremont	73.36
Eugenia	Cor. of Bowditch	116.90
First	N W cor. Madison	69.14
Front	E S, foot of Middle	92.84
Grape	N W cor. West	78.49
Grape	N W cor. Clover	86.42
Grape	N W Cor. Devoll	78.33
Hawthorn	{ S S - E of Page	
	{ S S - W of Page	69.93
Hemlock	S W cor. Rockdale ave.	72.96
Hillman	{ Rockdale ave. to Jenny Lind	
	{ S S Rockdale - Chester	105.01
Jenney	W of Middle	67.30
Jenny Lind	{ N E cor. Kempton	
	{ S E cor. " "	116.41
Jenny Lind	W S, hd. of Milton	164.27
Jenny Lind	{ N E cor. Milton	
	{ S E cor. Milton	
	{ N E cor. Rogers	
	{ N E cor. Grant	151.84
Keene	S E cor. Liberty	68.19
Kempton	N E cor. North	59.40
Kempton	N E cor. Emerson	83.14
Kempton	N S, at Silk Mill	77.66
Kempton	{ N S, W of Cemetery Gate	
	{ N S, E of " "	116.08

CATCH BASINS, NEW — Continued.

Street	Location	Cost
Liberty	N W cor. North	81.64
Maple	{ S E cor. Brownell	
	{ N E cor. Brownell	
	{ S E cor. Reed	
	{ N E cor. Reed	
	{ S E cor. Rounds	379.69
Matthews	Near Stackhouse	117.35
Middle	N E cor. Chancery	66.87
Middle	N E cor. Park	72.24
Middle	N W cor. Newton	83.97
Middle	N W cor. Liberty	72.83
Middle	N W cor. Tremont	73.30
Middle	{ S W cor. James	
	{ N W cor. James	139.86
Mt. Pleasant	S W cor. Adams	82.54
Mt. Pleasant	N W cor. Mt. Vernon	79.48
Mt. Vernon	Cor. of Highland	88.92
Query	{ N W cor. Bowditch	
Central ave.	{ N W cor. Bowditch	
Princeton		
Shaw	(N S—W of Bowditch	228.20
Park	N E cor. Morgan	64.93
Parker	{ N E cor. Caroline	
	{ N W cor. Caroline	147.61
{ Penniman	{ S W cor. Myrtle	
{ Myrtle	{ Hd. of Cedar Grove	168.62
Pope	N W cor. Oak	67.44
Potomska	N E cor. Acushnet ave.	85.11
Potomska	S E cor. Fourth	76.80
Potomska	N S, Hemlock - Prospect	74.66
Purchase	N E cor. Rivet	50.70
Rivet	N S, 3 ft. E of the E L of Acushnet ave.	76.67
Rivet	S E cor. Orchard	71.66
Robeson	{ S S at Cemetery Gate	
	{ S S at Cemetery Gate in gutter	191.08
Rockdale ave.	{ W S, Durfee to Hathaway rd.	
	{ E S, Durfee to Hathaway rd. (6)	434.57
Scott	N E cor. Crapo	82.47
Stackhouse	S W cor. Rockdale ave.	97.53
Stephen	S W cor. Rockdale ave.	109.01
Topham	(2)	235.86
Union	{ S W cor. Sixth	
	{ N S, W of Sixth	
	{ S W cor. Seventh	
	{ S W cor. Eighth (2)	
	{ N W cor. Eighth	400.40
Watson	N E cor. Kempton	70.50
Wing	N W cor. Sixth (drain only)	27.23
Catch-Basins, New, Miscellaneous charges		1570.18

* Incomplete \$9,580.96

Number of Catch Basins built 108.

Average Cost \$88.74.

**Sewer Construction
Account.**

SEWER CONSTRUCTION.

		Expenditures 1913
Balance of C. 184, 1907 from 1912	\$ 5,557.93	
Receipts	10,235.70	
	<u>\$15,793.63</u>	
Expenditures	15,242.60	\$15,242.60
Balance	<u>\$ 551.03</u>	
Balance of C. 131, 1911 from 1912	\$ 2,051.69	
Receipts	18,416.78	
	<u>20,468.47</u>	
Expenditures	12,751.39	12,751.39
Balance	<u>\$ 7,717.08</u>	
Balance of C. 76, 1912.	81,340.37	
Receipts	7,255.93	
	<u>\$88,596.30</u>	
Expenditures	87,020.96	87,020.96
Balance	<u>\$ 1,575.34</u>	
C. 183, Appropriation	98,560.00	
Receipts	1,343.93	
	<u>\$99,903.93</u>	
Expenditure	89,306.25	89,306.25
Balance	<u>\$10,597.68</u>	
Total Expenditures		<u>\$204,321.20</u>

SEWERS BUILT DURING THE YEAR 1913.

	Expenditures
Armour street sewer	\$779.64
Allen street	8,476.01
Brownell street	1,224.07
*Brownell street	470.44
Bank street	1,675.70
Brock ave., Capitol to Aquidneck	3,257.25
Brook street	2,697.96
Beech street	292.32
Caroline street, Parker, Durfee	20,400.00
Calumet street, Brock street, west	2,085.11
Chancery street, Felton street, west	579.82
Clifford street (drain)	464.60
Clifford street (sewer)	989.06
*DeWolf street	333.25
Edison street	154.40
Glover street, Austin street north	409.55
*Grape street	55,043.42
*Harvard street	13,661.06
Jenney street, north to Hillman	236.50
Jenny Lind street, Mill to Kempton	1,944.96
Kempton street, E from Jenny Lind	3,784.24
Maple street	2,474.43
Mathew street, Dartmouth street west	1,843.29
*Middle street	3,127.46
North street	1,068.27
Orchard street, south of Katherine	3,375.32
Oaklawn street	4,258.82
*Phillips ave. (surface drain)	1,396.83
*Potter street	1,444.22
*Purchase street	9,683.84
*Richmond street	5,785.62
Rockdale ave., Hillman to Mill street	4,947.57
*Rockdale ave.	2,031.47
*Rockdale ave. (Winterville Sec.)	14,504.21
*Round street	602.44
*Spring street	4,999.10
Sowle street, Wood street south	400.06
*Taber street	1,349.09
*Tripp's Brook Relief	38,196.37
Whitman street, E of Acushnet ave.	1,025.41
*Whitman street	1,205.18
*Winterville road	244.63
Wood street to Moynan street	973.63
Yates street	324.63
Rebates	134.71
<hr/>	
*Sewers not completed	\$224,355.96
Less expended in 1912 for Grape st. sewer	\$14,163.86
Less expended in 1912 for Allen st. sewer	5,870.90
	20,034.76
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Total expenditures for 1913	\$204,321.20

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

March 12, 1914.

Received. Ordered printed in the City Documents
and sent down for concurrence.

W. H. B. REMINGTON,

City Clerk.

IN COMMON COUNCIL,

March 12, 1914.

Concurred.

CHARLES P. SAWYER,

Clerk.

CITY OF NEW BEDFORD, MASS.

Forty-fourth Annual Report

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL

CONTAINING

I

THE REPORT OF THE WATER BOARD FOR 1913

II

THE REPORT OF THE WATER REGISTRAR

III

THE REPORT OF THE SUPERINTENDENT

January 1, 1914

NEW BEDFORD, MASS.

THE J. E. BUDLONG PRESS

1914

NEW BEDFORD WATER BOARD

1914.

CHARLES S. ASHLEY,	{ <i>Mayor of City and President of Water Board.</i>
HENRY E. WOODWARD,	
LETTICE R. WASHBURN,	<i>President of Common Council.</i>
WILLIAM H. PITMAN,	Term expires June, 1914.
FRANCIS P. WASHBURN,	Term expires June, 1915.
	Term expires June, 1916.

ROBERT C. P. COGGESHALL,	<i>Clerk of Board and Supt.</i>
CLIFFORD BAYLIES,	<i>Water Registrar.</i>
ADONIRAM S. NEAGUS,	<i>Pumping Engineer.</i>
JOHN C. DEMELLO, JR.,	<i>Foreman, Distributing System.</i>
ARTHUR R. WEEKS,	<i>Superintendent's Clerk.</i>
DAMON W. RICE,	<i>Clerk.</i>
RUPERT KOBZA,	<i>"</i>
WARREN TATTERSALL,	<i>Bookkeeper.</i>
FRANK M. HAMLIN,	<i>Water Registrar's Clerk.</i>
ALFRED BRADLEY,	<i>Clerk.</i>
JOHN B. WILBUR,	<i>Inspector.</i>
GILBERT B. BORDEN, JR.,	<i>"</i>
ALONZO W. SPOONER,	<i>"</i>
JUSTIN C. PERKINS,	<i>"</i>
ARTHUR F. COLWELL,	<i>"</i>
THOMAS RAWCLIFFE,	<i>"</i>
LESTER F. SPOONER,	<i>"</i>
HENRY D. BACKUS,	<i>"</i>
ROBERT G. REFUSE,	<i>"</i>
GEORGE HUTCHINSON,	<i>"</i>

REPORT

CITY OF NEW BEDFORD, MASS.,
OFFICE OF THE NEW BEDFORD WATER BOARD,
JANUARY 1, 1914.

To the City Council of the City of New Bedford:

GENTLEMEN:—In accordance with the provisions of the Water Ordinance, the New Bedford Water Board respectfully submit their forty-fourth annual report. Accompanying it, will be found the reports of the Water Registrar and the Superintendent.

The following abstract, drawn from the report of the Water Registrar, shows the financial operations of the past year in condensed form:

RECEIPTS.

Balance, December 1st, 1912,		\$40,110.55
Receipts from water rates,	\$288,350.02	
Receipts from other sources,	21,724.68	310,074.70
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		\$350,185.25

PAYMENTS.

Management and repairs, less interest, bonds paid, and sinking funds,	\$101,837.44	
Extension of works,	89,128.38	
Interest paid	76,440.00	
Interest paid, Sylvia Ann Howland Fund,	0,000.00	
Bonds paid	21,000.00	
Sinking funds,	27,930.00	316,335.82
		<hr/>
		\$33,849.43
Less, Water Works funds, diverted by orders of the City Council		\$38,483.43
		<hr/>
Deficit, December 1st, 1913		\$4,634.00

The actual outlay for the construction of these works, exclusive of debt, interest and management and repairs account, is \$4,304,727.26.

Following is a statement of special extensions and renewals account (Chap. 75, Acts of 1912), to December 12, 1913:

Received from sale of bonds,	\$160,000.00
Received from credits,	894.09
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	\$160,894.09
Payments,	154,850.26
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Balance unexpended, December 1, 1913,	\$6,043.83

On June 12th, Francis P. Washburn was elected a member of this Board for a term of three years ending June, 1916.

Of the fifty-seven petitions for the extension of main pipes received, fifty-six have been granted, and the main pipes have been extended a little over six miles.

On February 14th a public hearing was given at the State House, Boston, by the Legislative Committee, on a proposed bill authorizing the City of New Bedford to furnish a water supply to a certain district in the Town of Freetown. We were represented at this hearing by His Honor, Mayor Ashley, and City Solicitor Barney, who stated that we offered no objection to the passage of this Legislation. This resulted, a few weeks later, in the passage of the following enactment:

ACTS OF 1913.

[CHAP. 314.]

AN ACT TO AUTHORIZE THE CITY OF NEW BEDFORD TO SUPPLY
WATER IN A PART OF THE TOWN OF FREETOWN.

Be it enacted, etc., as follows:

SECTION 1. The City of New Bedford may contract to lay and may lay conduits and other works in the Town

of Freetown under or along the highway leading northerly by Long Pond from Morton's corner to the Lakeville line, and may supply water therefrom for domestic and other purposes by means of proper service pipes and other connections to the owners and occupiers of land on either side of the said highway; but no conduits or pipes shall be laid elsewhere in the said town, and all work done in the said town under authority hereof shall be under the direction of the selectmen of the town.

SECTION 2. The installation of the said mains and connections shall be wholly at the expense of the persons sought to be supplied, and shall not be undertaken until a sufficient contract therefor, with proper surety or sureties, has been executed to the satisfaction of the New Bedford Water Board, which shall have full charge and control of the work hereby authorized.

SECTION 3. The takers and users of water delivered pursuant to the provisions hereof shall pay for the same upon the metered rates established in the City of New Bedford, and all rules and regulations made by the City of New Bedford, its Water Board or any other authority duly authorized with respect to the water and the use thereof shall be binding upon the said takers and users.

SECTION 4. This act shall take effect upon its passage. [*Approved March 21, 1913.*]

An agreement was made with the Pleasantville Improvement Association on October 14th, 1913, in accordance with terms outlined in enactment given above, to install a water distributing pipe in that portion of the highway known as the Middleboro Road in the Town of Freetown, which road parallels the easterly shore of Long Pond, commencing at a point a short distance south of the residence of the Pumping Engineer of the New Bed-

ford Water Works, and extending north about fifteen hundred feet to a point near the division line between the Towns of Lakeville and Freetown. The consideration was \$950.00, which has been paid, and the pipe has now been installed and service connection made to properties of the members of said Pleasantville Improvement Association.

At our meeting of February 4th, 1913, City Engineer George H. Nye appeared with a statement in regard to re-location of syphon-pipe now located upon river bottom, and which furnishes the water supply to Popes Island.

The history of this undertaking is herewith briefly outlined:

- 1898. Pipe laid upon river bottom from Fish Island to Popes Island, about thirty feet south of, and parallel to Bridge. This pipe was supposed to have been 22 feet deep at draw openings. Laid without knowledge that such transaction requires permits from Land and Harbor Commissioners and War Department.
- 1899. Contractor dredging channel repeatedly lifted pipe and irreparably damaging same, thus depriving Popes Island of its supply.
- 1903. This damaged pipe which has been out of commission since 1899 removed. The total cost of this pipe to this date, including cost of removal, has been \$4,547.31, and the attempt to furnish supply to Popes Island has proved to be a complete failure.
- 1903. Plan and profile for a new pipe to be located on a line parallel with the bridge, and twenty feet south of the south side of that structure, and at a depth of twenty-seven feet below mean high water.
- July 12, 1903. Plan and profile approved by Land and Harbor Commissioners.

Aug. 12, 1903. Revokable permit granted by Secretary of War, in which was a condition, "That no part of the pipe in the navigable channel be placed at a greater elevation than twenty-five feet below mean low water." This required that the pipe should be laid about $2\frac{1}{2}$ feet deeper where it crossed the channels of the draw spans than was called for on the plan approved by the Land and Harbor Commissioners.

It is proper to here state that the present government project for a channel to be twenty-five feet deep at mean low water was not even under consideration at that date, and that the channel depth was then eighteen feet at mean low water.

June 20, 1904. Owing to the fact that the pipe in Fish Island embankment had broken in an inaccessible place within masonry pier, probably due to settlement of pier, it was decided to abandon this location and an agreement was made with John Duff for use of strip of land upon Fish Island in which to maintain that portion of pipe necessary to connect that upon river bottom, with supply pipe within bridge embankment.

1904. Channel dredged by City to receive new pipe, impossible to dredge to required depth through fender piers, or to secure required depth close to side of piers. This operation was followed by the laying of the new pipe in the trench prepared for same.

1908. Col. Sanford of the U. S. Engineering Corps, called City's attention to the fact that the Government proposed dredging channel at draw spans, to a depth of twenty-five feet below mean low water. As the result of several interviews he agreed not to dredge over the pipe, but should insist that the City should

remove same later without expense to Government. As it did not appear necessary to leave more than a narrow strip over the pipe (about 1,000 cubic yards of material) for the City to remove later at less cost than that of taking up the pipe, agreement was made to this proposition by City Engineer Williams.

At the time of this understanding there was a possibility that the action of the current might wash this bar, which was mostly mud, into deeper water on both sides, but this has not been realized.

Oct. 2, 1909. Col. Sanford contends that water pipe was not laid in 1903 in such a way as to permit of obtaining the full depth of channel (25 feet below mean low water) under the bridge, and maintaining this depth in the future, and therefore must be relaid. City Engineer Williams doubted the Governments figures. The position thus taken by the Government practically nullifies previous understanding in reference to City removing material left to protect water pipe as far as relates to securing pipe in present position.

Oct. 15, 1909. City Engineer Williams reported above stated facts to Water Board, at same time submitting a possible agreement for use of Government dredge when Governments work is being done.

Nov. 2, 1909. Water Board agrees to proposition to relocate pipe upon sixty days notice from the Government and to be allowed to arrange for use of Government dredge.

Dec., 1909. Government grants the City ninety days from Dec. 1st. 1909, to decide upon plans for relocating pipe. If to be relaid, to secure grants for so doing, work to be completed within sixty

days after Government commences their work of dredging in New Bedford harbor.

Jan. 12, 1910. Water Board makes application to Government for permit to lay and maintain pipe in accordance with plans and papers submitted. This plan calls for special pipe and large amount of concrete construction.

Feb. 14, 1910. Revokable permit issued by Secretary of War stipulating twenty-eight feet below mean low water, as the depth of the top of the concrete pipe covering, and also City is to secure the accomplishment of the work within thirty days after dredging operations are begun by Government under the next appropriation.

Sept. 26, 1911. Government contractor commences work of dredging.

Feb. 4, 1913. City Engineer Nye reported to Water Board that he had received a telephone message from Government Engineers at Newport on January 27th, inquiring when City proposed to remove pipe. Mr. Nye replied by letter that City would promptly remove same whenever Government was ready to proceed with the dredging, but that the plan submitted January, 1910, did not meet with the approval of the Water Board, as it was a very expensive method of supplying a few buildings, and that recourse to a water tower supplied by smaller pipe over the bridge may be made use of.

The City Engineer and Superintendent were authorized to take up the matter with the Union Street Railway Co., and devise some satisfactory method of supplying the territory named and report later to the Board.

July, 1913. Col. John Millis of the U. S. Engineer Corps having jurisdiction in this district, visited this loca-

tion with the Mayor, Superintendent of Water Works, and the City Engineer. He listened to their explanation of the situation, but made no suggestions. The City Engineer suggested that the Government suction dredge, which docks at Fish Island every Saturday night, might take a load from this location on her return trip for a few weeks, and that the flexible jointed pipe could thus be lowered to its required position at little expense. Col. Millis dismissed the idea as impractical.

Investigation of different schemes for furnishing this supply was entered into, and later William E. Foss, Consulting Engineer of Boston, was called into the case.

Oct. 3, 1913. The following report of William E. Foss, Consulting Engineer, was presented to the Water Board:

SEPTEMBER 24, 1913.

New Bedford Water Board, New Bedford, Mass.

GENTLEMEN:—I have the honor to submit the following report in reply to your request for advice regarding the best method of supplying water from the New Bedford Water Works to Popes Island in the Acushnet River.

The island has an area of about eight acres, on which are located a large brick carhouse and wooden yacht clubhouse and four wooden houses. The assessed valuation of these structures is \$74,550, and of the land \$54,225.

When the New Bedford and Fairhaven Bridge was constructed, in 1898, a 6-inch flexible jointed water pipe for supplying water to Popes Island was laid from Fish Island across the ship channel on the river bottom, without dredging, parallel with and about twenty feet south of the bridge. (See plan herewith.)

At that time the water in the channel was about eighteen feet deep at mean low water, and considerable

difficulty was experienced in maintaining the pipe, which was at one time broken by a load of stone that was dumped upon it, and on several occasions it was interfered with by dredging operations. As a result, the pipe was out of service a large part of the time and was finally removed in 1903 and 1904. A new line of 6-inch flexible jointed water pipe was then laid on substantially the same line as the first line, with the exception that the westerly end was carried up through the pier on Fish Island instead of through the bridge abutment, where the first pipe had broken off in an inaccessible place. The new pipe line was laid in a dredged trench, and at the channel it is about 23.5 feet below mean low water.

The United States Government has now dredged the channel on both sides of the existing pipe line to a depth of twenty-five feet below mean low water, and it is necessary for the City to remove or lower the pipe line and complete the dredging of the channel. It is also quite probable that the existing pipe line has been considerably weakened by electrolysis.

The first pipe line, including the connecting pipes on the islands, cost \$4,547.91, and the relaying of the submerged portion of the pipe line in 1903 and 1904 cost \$4,571.06. Repairs to the new pipe line cost \$86.30 in 1905, \$278.52 in 1908, and \$697.51 in 1912, making the total expenditures to date for the water supply to the island \$10,181.30.

Water is furnished through the pipe line to the Union Street Railway Company for car washing and lawn sprinkling, to the yacht club-house during the summer, and to maintain pressure on the hydrants for fire service. The total quantity of water used for these purposes is about one million gallons per year, for which an annual revenue of about \$275 is received.

The cost of maintaining the supply to the island in the past has been so large in proportion to the revenue received that it has been suggested that an intermittent supply that would be sufficient for all purposes except fire supply could be furnished at less expense by a pipe laid on the bridge, with special couplings at both ends of the draw, which could be readily connected when the draw was not in use, so that the pipe could be used for filling either an elevated storage tank or an underground tank working under compressed air. To provide for the present consumption, the proposed storage tank should have an available capacity of at least 5,000 gallons.

The cost of this project, with either an elevated or an underground storage tank, would be about \$3,000, and a further expenditure of about \$360 per year would be required for operation and maintenance, which on a six per cent basis is equivalent to a capital expenditure of \$6,000. The total cost of this project would therefore be equivalent to a capital expenditure of \$9,000 for some other project that would not require any operation or maintenance expenditures.

The construction of a brick lined tunnel six feet in diameter, under the channel, in co-operation with the public service corporations, for the water pipe and the street railway, electric light and telephone cables, has also been suggested. No explorations have been made to determine the character of the material below the river bed, but if it is earth, as appears probable from the information now at hand, a tunnel of the above description 290 feet in length between the vertical shafts at each side of the channel, and having a total length of 400 feet, could be constructed under the ship channel by the pneumatic process for about \$35,000.

On account of the accessibility of the pipe line if laid in a tunnel, and the facilities for future enlargement of the

pipe line if required, the construction of the tunnel would be the most satisfactory solution of the Popes Island water supply problem, provided that the public service corporations desire to co-operate in the work and bear a substantial portion of the expense, but not otherwise, as the present needs of the City can be satisfactorily provided for by the expenditure of considerably less than the amount required for the tunnel.

Regarding the best location for a submerged pipe line, it appears that line A, on the north side of the bridge, will give a better alignment and shorter length of submerged pipe line than line B-C-D on the south side of the bridge, and would not require the removal and replacing of a portion of the draw pier, which must be done on the latter line. These advantages are, however, more than offset by the long connections at the ends, required to reach the existing pipes on the islands. Considering all of these conditions, the line south of the bridge appears to be the best location for the pipe.

The cost of laying a new line of 6-inch flexible jointed pipe in a dredged trench at a depth of five feet below the bottom of the proposed government channel south of the bridge on line B-C-D, which is substantially the line of the existing pipe, but extended at the easterly end along the Popes Island abutment to a more favorable point for connecting with the water pipe on the island, and including necessary easements in private land, would be about \$7,500, in addition to the cost of the dredging to twenty-five feet below mean low water, which it is understood is to be done by the City in any event, in accordance with the agreement with the United States Government.

The cost of this dredging will vary largely with the character of material excavated and the extent of the interruptions to the work due to the passing of vessels, and interference from street railway and telephone cables, and

can not be accurately estimated, but as an approximation should estimate the cost at about \$2,000. If the cost of this dredging is to be considered as a part of the cost of the pipe line, the total cost to the Water Board for the entire work would be about \$9,500.

As a result of the investigations, I would recommend laying a 6-inch flexible jointed submerged water pipe south of the bridge, in the manner above described, with insulating joints at the ends to prevent electrolytic corrosion.

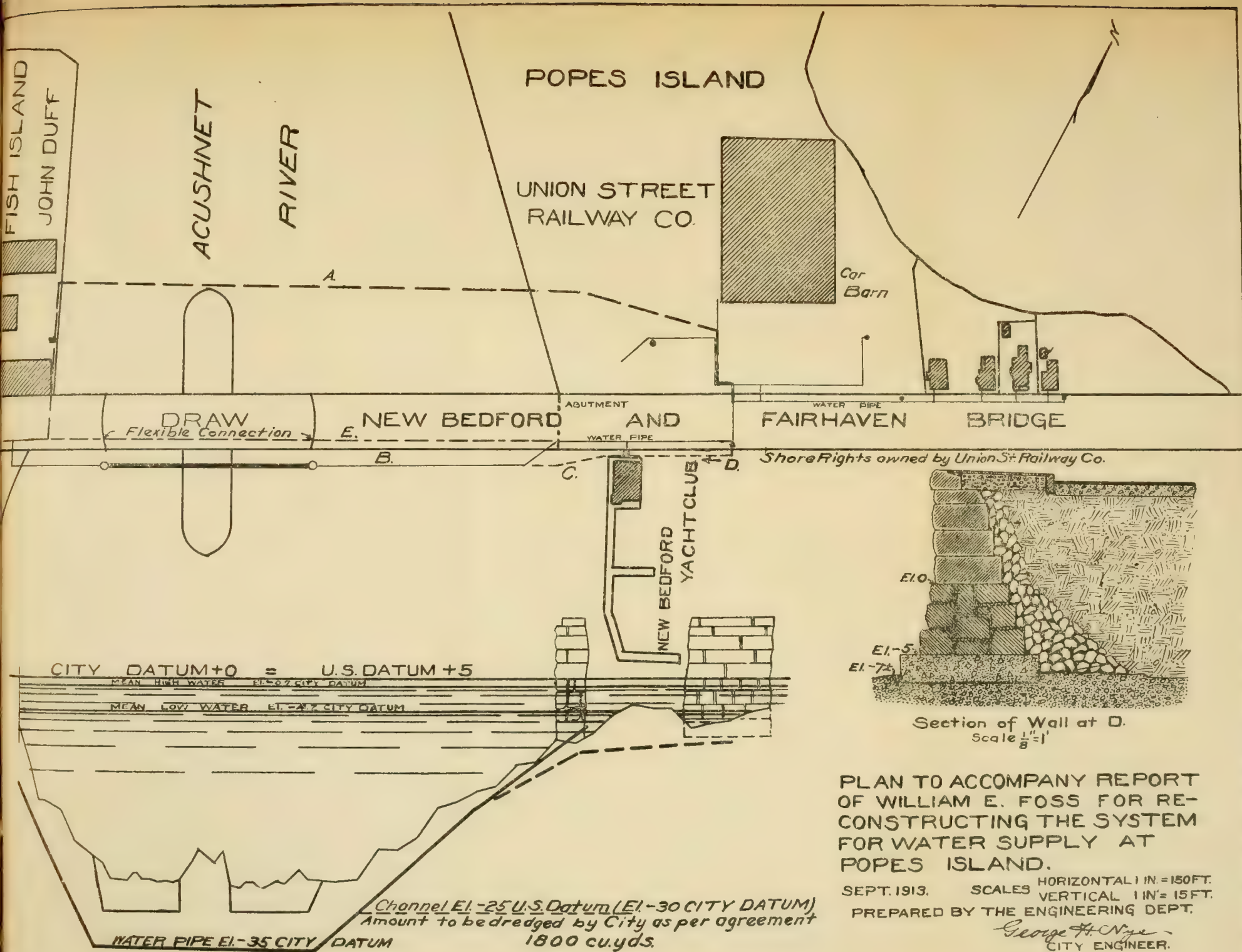
This submerged pipe line should give satisfactory service for many years, and would continue the present fire supply service on the hydrants which would not be furnished by the intermittent supply, while if the expense for dredging the river channel to twenty-five feet below mean low water is paid in the same manner for both projects, the cost of the submerged pipe line would be \$1,500 less than for the intermittent supply when the operating and maintenance charges for that project are considered.

Respectfully submitted,

W. E. FOSS,
Consulting Engineer.

November 4, 1913.

At an invitation of Mayor Charles S. Ashley, representatives of various public service corporations met with the Water Board for purpose of discussing the feasibility of co-operative tunnel construction, as suggested in Mr. Foss's report. The Union Street Railway Company and the New Bedford Gas and Edison Lighting Company were found to be interested. They advocated a thorough investigation, the preparation of plans, and careful estimate of cost. The Telephone and Telegraph Company were not interested.



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It was at this meeting

VOTED:—To request the City Engineer, George H. Nye, to proceed with the necessary work of investigation, and preparation of plans and specifications in consultation with William E. Foss, Consulting Engineer, as soon as possible.

This closes the history of all action up to the date of this document. Mr. Nye informs us that he will be prepared to render full report at an early date, after which we hope to quickly dispose of this for many years, a most troublesome matter.

The total cost and maintenance of this Popes Island supply to date has been as follows:

FIRST PIPE, 1898-1903.

April-July, 1898, installation,	\$2,673.55	
April, 1899, repair leaks,	303.92	
November-December, 1899, repair leaks,	1,079.54	
April, 1903, removing pipe,	490.30	\$4,547.31

SECOND PIPE, 1903 TO DATE.

1903-1904, installation,	\$4,571.06	
May, 1905, repair leaks,	86.30	
October, 1908, repair leaks,	278.52	
August, 1912, repair leaks,	697.51	\$5,633.39
		<hr/>
		\$10,180.70

In regard to this 30-inch encircling main, which has been under construction for the past three years, very little work has been done upon it this year. The section in Rivet Street that remained uncompleted at date of last report has been filled in, thus fully completing the western section of the main. A very small amount of work has been done upon the easterly section, i. e., at the intersection of Second Street, and South Street, where it was important that the intercepting sewer concrete construction, and the pipe installation should go along together. Aside from this location no work has been done upon the easterly sec-

tion of the encircling main. The proposed route of this easterly section connects the present terminus, of the 30-inch main in Bowditch Street, with the southerly terminus of the westerly section in First Street, at Rivet Street. The route to be followed is through First, South, Second, Water, Acushnet Avenue, Logan and Bowditch Streets.

We do not have the funds at our disposal to quickly install this pipe. In fact, at the present time we do not know how it is possible for us to proceed any further with this work this year, and yet, it appears highly important that, owing to the fact that the new intercepting sewer is now proceeding through Second Street as far as Walnut, where it turns, advantage should be taken of this situation, and the 30-inch pipe, which is to be installed parallel to, and very close to said sewer, should be placed before street surface is again covered with bitulithic pavement. We hope to find a way to do at least this amount of work upon this encircling main, which we think a highly important matter for present attention.

We are gratified to report that the 48-inch steel force main, which connects the Quittacas Pumping Station with High Hill Reservoir is in excellent conditon. The result of a recent inspection, which apears in the Superintendent's report, assures a satisfactory service for many years to come.

The following are the principal contracts which have been executed this year:

Date 1913	Contractor.	Supply.	Consideration.
Jan. 30	E. Anthony & Sons, Inc., New Bedford, Mass.	Printing reports.	675 complete pamphlets, \$210.00. 400 extra printed sheets, \$14.35.
Jan. 30	Chadwick-Boston Lead Co., Boston, Mass.	2000 lbs. solder.	\$27.49 per cwt.
Feb. 11	E. Anthony & Sons, Inc., New Bedford, Mass.	Printing books, "Location of Stop Gates."	50 complete books, \$124.50.
Apr. 2	James P. Pierce, Lakeville, Mass.	Railroad ties.	Locust ties, \$1.38 each. Oak ties, 72c each.
Apr. 15	Standard C. I. Pipe and Fdy. Co., Bristol, Pa.	Special castings.	\$70.00 per ton.
May 8	N. B. Gas & Edison Light Co., New Bedford, Mass.	Two electric motors.	One at \$24.00. One at \$117.00.
May 16	Murray O'Neill Auto Co., New Bedford, Mass.	Motor truck.	\$4,250.00.
June 25	F. S. Brightman & Co., New Bedford, Mass.	Smith Premier typewriter.	\$107.00.
July 8	Chadwick-Boston Lead Co., Boston, Mass.	Lead pipe.	\$5.17 per cwt.
July 21	Standard C. I. Pipe and Fdy. Co., Bristol, Pa.	Special castings.	Straight C. I. pipe, \$50.00 per ton. Special C. I. castings, \$70.00 per ton.
Aug. 8	H. F. Jenks & Co., Pawtucket, R. I.	Bubble drinking fountain.	\$90.00.
Aug. 15	Chandler Eastman Co., Concord, N. H.	Sprinkler wagon.	\$335.00.
Aug. 21	Hersey Mfg. Co., Boston, Mass.	Water meters.	1" \$11.10 each 3/4" 7.15 each 5/8" 5.55 each
Nov. 7	H. Mueller Mfg. Co., New York City.	Corporation taps and sidewalk stops.	1" corporation \$1.14 3/4" corporation .77 5/8" corporation .59 1" sidewalk \$1.68 1/2 3/4" sidewalk .96 5/8" sidewalk .60
Dec. 12	Clinton Wire Cloth Co., Clinton, Mass.	Copper screen.	29c per square foot.
Dec. 23	James P. Pierce, Lakeville, Mass.	Railroad ties and locust crossbars.	Locust ties, \$1.38 each. Crossbars, 60c each.

On July 7, a contract was made by the Fuel Committee of the City Council with the Garfield & Proctor Coal Company for fifteen hundred gross tons of best quality, either New River or Pocahontas coal, for use at the Little Quittacas Pumping Station, the same to be delivered at Braley's Station, at the rate of \$4.50 per gross ton.

Respectfully submitted,

CHAS. S. ASHLEY,	}	New Bedford Water Board.
RICHARD KNOWLES,		
LETTICE R. WASHBURN,		
WILLIAM H. PITMAN,		
FRANCIS P. WASHBURN,	}	

REPORT OF THE WATER REGISTRAR.

CITY OF NEW BEDFORD,
WATER REGISTRAR'S OFFICE,
DECEMBER 1, 1913.

To the New Bedford Water Board:

GENTLEMEN:—I herewith present you a detailed statement of the receipts and expenditures of the Water Works Department for the year ending at this date:

RECEIPTS.

Balance Dec. 1, 1912,	\$40,110.55
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Receipts for Water:

Rates, domestic fixtures,	\$7,329.90
Rates, domestic meters,	140,477.47
Rates, domestic estimated,	1,502.07
Rates, building purposes,	2,311.01
Meter rentals,	7,939.64

Total domestic,	\$159,560.09
Rates, manufacturing meters,	128,789.93
	\$288,350.02

Other receipts:

Services,	\$5,506.35
Mains,	8,310.02
Meters,	4,321.27
Mill piping,	664.89
Lands, buildings, taxes,	422.68
Roads, walls, fences,	20.00
Forestry, cutting, planting, etc.,	1,119.40
Workshop,	18.47
Sealing mill fixtures,	343.29
Maintenance of horses,	920.13
Quittacas Pumping Station,	57.13

Fines,	15.00		
Railroad,	5.00		
Miscellaneous,	1.05	21,724.68	\$310,074.70
		<hr/>	<hr/>
Total,			\$350,185.25
Expenditures for the			
year ending Dec. 1,			
1913,			316,335.82
			<hr/>
			\$33,849.43
Less Water Works			
funds used by City			
Council for other			
than Water Works			
purposes,			38,483.43
			<hr/>
Deficit Dec. 1, 1913,			\$4,634.00

EXPENDITURES.

Management and Repairs:			
Superintendent's de-			
partment, salaries,		\$9,869.65	
Water Registrar's de-			
partment, salaries,		11,106.77	
Pumping Expens-			
es, engineers,			
firemen, and			
watchmen:			
Salaries and labor,	\$8,922.79		
Fuel,	7,952.07		
Oil, waste, packing and			
lighting,	657.38		
Tools and other sup-			
plies,	462.70		
Repairs of engines,	36.37		
Repairs of boilers,	377.08		
Other repairs,	2,351.75		
Buildings and grounds,	1,191.62		
Miscellaneous,	118.95	22,070.71	
Mains:			
Cast iron pipe,	1,324.85		
Stop gates,	1,130.15		

WATER REPORT

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Hydrants,	980.55	
Flushing and inspecting,	798.57	4,234.12
Services:		
Pipe,	620.72	
Renewing and driving		
stop-boxes,	868.53	
Clearing stops, taps		
and pipe,	763.40	
Water cart hydrants,	22.79	2,275.44
Fountains,		118.38
Meters,		2,799.65
General maintenance:		
Printing, stationery,		
advertising and post-		
age,		2,034.69
Car fares, express, tele-		
phone, telegraph,		1,185.08
Horses, carriages, and		
automobiles,	11,059.43	
Labor at workshop,	2,073.19	
Materials at workshop,	437.52	
Fuel and lighting at		
workshop,	328.91	
Repairs workshop,		
building and pipe		
yard,	486.19	
Miscellaneous,	3,555.19	
Lands, buildings, taxes,	3,166.88	
Roads, walls, fences,	8,532.62	
Forestry, nursery,	35.50	
Forestry, cutting, planting, etc.,	4,113.64	
Great Quittacas Pond		
and connection,	76.22	
Little Quittacas Pond		
and intake,	2,746.29	
48-inch steel force main,	42.24	
High Hill reservoir,	1,943.76	
Private way, High Hill		
reservoir,	672.87	
Storing reservoir and		
surroundings,	278.64	
Conduit,	13.60	

Receiving reservoir,		50.67	
Mt. Pleasant distrib-			
uting reservoir,		234.97	
Engineer's house,		1,355.81	
Railroad,		1,683.56	
Purchase Street Station,		864.95	
Sealing fixtures,		187.19	
Garage addition,		2,203.11	
			\$101,837.44
Interest paid,	\$76,440.00		
Interest, Sylvia Ann			
Howland Fund,	0,000.00		
Bonds paid,	21,000.00		
Sinking funds,	27,930.00	\$125,370.00	\$227,207.44

EXTENSIONS.

Mains:			
Main pipe and special			
castings,	\$22,399.56		
Stop gates,	4,013.93		
Hydrants,	2,395.57		
Lead and gasket,	53.93		
Tools,	4,475.18		
All other supplies	1,913.99		
Labor,	16,295.04	\$51,547.20	
Services:			
Pipe,	5,173.98		
Taps and stops,	72.62		
All other supplies,	680.13		
Labor,	3,764.11		
Plumbing,	1,269.36	10,960.20	
Meters:			
Cost of meters,	19,045.08		
Cost of setting,	7,216.58	26,261.66	
Mill piping,		249.39	
Fountains,		109.93	\$89,128.38
Total expenditures for the year,			\$316,335.82
Whole outlay on the works to this date,			\$7,579,712.18

The receipts from the commencement of the works to this date have been as follows, viz:

Appropriations by the City Council,	\$1,038,000.00	
Net appropriations for further supply,	1,316,639.60	
Appropriations for duplicate supply main, 1910,	250,836.65	
Appropriations for special extensions, 1911,	151,391.78	
Receipts from water and other sources,	4,856,693.58	
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	\$7,613,561.61	
Less water receipts taken by City Council in 1913 for other than Water Works purposes,	38,483.43	
		<hr/>
	\$7,575,078.18	
Deduct total outlay,	7,579,712.18	
		<hr/>
Deficit Dec. 1st, 1913,	\$4,634.00	
Outlay,	\$7,579,712.18	
Deduct from outlay:		
Paid for management and repairs, \$1,539,274.78		
Interest paid,	719,328.14	
Bonds paid,	511,000.00	
Sinking funds,	505,382.00	3,274,984.92
		<hr/>
Actual net cost of works,	\$4,304,727.26	
Total receipts from water and other sources,	\$4,856,693.58	
Deduct the amount paid for main- tenance, debt, interest and sink- ing funds,	\$3,274,984.92	
Amount used by City Council in 1913, outside of Water Works,	38,483.43	3,313,468.35
		<hr/>
Water receipts applied to con- struction,	\$1,543,225.23	

The funds for the construction of these works have been derived from the following sources:

Investment of Sylvia Ann Howland educational bequest,	\$100,000.00
Sylvia Ann Howland water bequest,	100,000.00
Received from sale of bonds,	815,000.00

Net receipts applied to construction,	1,543,225.23
Appropriation for construction in 1885,	23,000.00
Net proceeds of bonds, etc., sold, further supply,	1,316,639.60
Net proceeds of bonds, etc., sold, duplicate supply main, 1910,	250,836.65
Net proceeds of bonds, etc., sold, special exten- sions, 1911,	151,391.78
	<hr/>
	\$4,300,093.26
Add Deficit Dec. 1st, 1913,	4,634.00
	<hr/>
Cost of works as stated above,	\$4,304,727.26

The water debt at this date is as follows:

Water bonds, 4 per cent.,	\$140,000.00
Water bonds, 4 per cent. (further supply),	1,200,000.00
Water bonds, 4 per cent. (duplicate supply main),	220,000.00
Water bonds, 4 per cent. (special extension 1911),	140,000.00
Water bonds, 4 per cent. (special extension 1912),	154,000.00
Water bonds, 3½ per cent.,	48,000.00
Sylvia Ann Howland bequest 6 per cent.,	100,000.00

Total,	<hr/>	\$2,002,000.00
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Less Sinking funds in treasury:

No. 9	\$20,000.00 bonds due April 1st, 1918,	\$20,000.00	
No. 23	\$120,000.00 bonds due April 1st, 1924,	71,238.40	
No. 24	\$200,000.00 bonds due Dec. 15th, 1924,	614,351.67	
	\$400,000.00 bonds due April 1st, 1926,		
	\$600,000.00 bonds due Jan. 1st, 1927,		
No. 38	\$48,000.00 bonds due June 1st, 1930,	21,245.12	\$726,835.19

Net water debt, Dec. 1st, 1913,	<hr/>	\$1,275,164.81
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WATER REPORT

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Outlay for debt, and management and repairs in 1913,	\$227,207.44
Outlay for extension in 1913,	89,128.88
	<hr/>
	\$316,335.82
Less receipts other than water rates,	21,724.68
	<hr/>
Net expenditures in 1913,	\$294,611.14
Water receipts in 1913,	\$288,350.02
Water receipts in 1912,	265,103.14
	<hr/>
Increase in 1913,	\$23,246.88

Received from City departments:

Water rates,	\$10,290.35
Miscellaneous accounts, labor, material, etc.,	4,320.91

There remains unpaid \$2,280 of 4 per cent. interest,
due in the year 1913.

Statement of Special Extensions and Renewals
Account, (Chapter 75, Acts of 1912), to this date:

RECEIPTS.

Sale of bonds,	\$160,000.00	
Sale of material,	894.09	
	<hr/>	\$160,894.09

PAYMENTS.

Advertising, printing, etc.,	\$	.50
Traveling and other expenses,		54.28
Cost of pipe and special castings,	96,240.84	
Wharfage, and handling pipe,	1,194.48	
Inspecting pipe, etc.,	1,127.13	
Gasket,	44.44	
Gates,	9,864.80	
Hydrants,	1,284.82	
Gate boxes,	1,311.97	

Lumber,	691.55	
Carting,	3,208.34	
All other supplies,	1,626.58	
Tools,	946.30	
Labor laying mains,	37,254.23	\$154,850.26
		<hr/>
Balance unexpended,		6,043.83

Respectfully submitted,

CLIFFORD BAYLIES,
Water Registrar.

REPORT OF SUPERINTENDENT.

NEW BEDFORD WATER WORKS,
SUPERINTENDENT'S OFFICE,
DECEMBER 1, 1913.

To the New Bedford Water Board:

GENTLEMEN:—The forty-fourth annual report of the Superintendent, for the year ending November 30, 1913, is herewith submitted.

A year ago the depressed condition of business activities in this community seemed to indicate that a light amount of work would be required during 1913 in the shape of extensions and service supplies. The contrary has proved to be true. For number, variety and extent, the operations have been fully the equal of any previous year in our history. Building operations have been exceedingly active during the entire year and continue without abatement at the date of this writing.

Copies of the rainfall records at the Little Quittacas Pumping Station, and at the Long Plain Storage Reservoir appear upon the next two pages.

These are followed by statements kindly supplied by Chief Engineer X. H. Goodnough, who is Chief Engineer of the State Board of Health, giving the results of chemical examinations made of samples taken at locations indicated. It will be seen thereby that the quality of our water supply remains highly satisfactory.

RAINFALL AT QUITTACAS PUMPING STATION FOR 1913.

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.38	.75		.20								
2						.40		.08		1.03		
3	1.50											
4		.88	.06									
5				.17		.09		.10	.34	2.96		
6			.36									1.87
7				.16				.06				
8	.75								.12	.61		
9					.07	.35						
10							1.05			1.10	.74	
11	.25		.38					.23				
12		.28										
13									.25	1.02		
14				3.48			.38	.10				
15			.62								.04	
16	.20		.18	1.22						2.06		
17	.12	.11			.38						.50	
18									.74			
19	.22			.08			.46			.85		
20						.26					.21	
21	.68		.85									.70
22					.11				.50			
23				.07				.49	.38			1.70
24	.66											
25					1.09		.10					
26						.22				1.79		1.19
27	.25		.46					.15				
28		1.46	.43	.36			.10					
29												
30					.10		.28	1.90			1.26	
31												
Totals	5.01	3.48	3.34	5.74	1.75	1.32	2.37	3.11	2.33	11.42	2.75	5.46

Total fall for the year 48.08 inches

RAINFALL AT ACUSHNET STORING RESEVOIR FOR 1913.

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.43											
2		.76								.75		.15
3	1.49											
4		.86				.06		.06	.57			
5										2.56		
6			.31	.35								
7						.26		.11	.32			
8	.71											2.02
9									.40			
10							.60	.06			.71	
11		.26	.43									
12	.28							.20	.31	.98		
13							.19					
14				2.91								
15										1.04	.04	
16	.31		.73	1.13	.34							
17		.09								2.19	.51	
18	.20			.06								
19							.63					
20											.20	
21	.61					.33	.02			.96		.08
22				.04					1.26			
23		.66						.40				
24	.67		.84									1.39
25					1.10		.05					
26						.10						.92
27	.28									1.81		
28		1.47	.83	.43			.16					
29				.09	.26		.18			.21		
30								4.26			1.20	
31												
Totals	4.98	4.10	3.14	5.01	1.70	.75	1.83	5.09	2.86	10.50	2.66	4.56

Total fall for the year 47.18 inches

WATER ANALYSIS—STATE BOARD OF HEALTH. PARTS IN 100,000

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WATER REPORT

Number	Date of Collection	APPEARANCE		RESIDUE ON EVAPORATION			AMMONIA				NITROGEN AS		Oxygen Consumed	Hardness	Iron		
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid			Chlorine				Nitrates	Nitrites
									Total	In solution	In suspension						
1913																	
*105592	Jan. 28	V. slight	V. slight	.40	3.85	1.40	2.45	.0020	.0220	.0204	.0016	.0000	.0001	.52	1.3	.012	
†105593	28	V. slight	V. slight	.52	4.35	2.05	2.30	.0018	.0190	.0156	.0034	.0000	.0000	.58	0.8	.015	
†105594	28	None	V. slight	1.40	6.75	3.55	3.20	.0028	.0288	.0260	.0028	.0010	.0001	1.81	1.7	.020	
*106801	Mar. 25	Slight	Slight	.50	4.25	1.70	2.55	.0020	.0220	.0194	.0026	.0000	.0000	.71	0.8	.006	
†106802	25	V. slight	V. slight	.50	4.40	1.50	2.90	.0028	.0210	.0186	.0024	.0000	.0000	.66	0.8	.012	
†106803	25	V. slight	V. slight	1.90	6.35	2.90	3.45	.0052	.0376	.0340	.0036	.0000	.0000	2.04	0.8	.020	
*108076	May 27	V. slight	V. slight	.55	3.95	1.65	2.30	.0018	.0202	.0190	.0012	.0000	.0000	.72	0.8	.010	
†108077	27	V. slight	V. slight	.60	4.50	1.75	2.75	.0028	.0208	.0194	.0014	.0010	.0000	.72	0.8	.012	
†108078	27	None	None	2.85	7.20	4.55	2.65	.0052	.0504	.0460	.0044	.0000	.0000	2.50	1.3	.030	
*109417	July 22	V. slight	V. slight	1.40	5.25	2.70	2.55	.0088	.0408	.0328	.0080	.0000	.0000	1.22	0.6	.075	
†109418	22	None	V. slight	.40	4.05	1.50	2.55	.0012	.0184	.0172	.0012	.0000	.0000	.58	0.8	.009	
†109420	22	None	V. slight	Turbid .60	3.95	1.20	2.75	.0060	.0216	.0204	.0012	.0000	.0000	.55	0.6	.024	
*111404	Sept. 23	V. slight	V. slight	.25	4.10	1.30	2.80	.0010	.0184	.0170	.0014	.0000	.0000	.41	0.6	.002	
†111405	23	V. slight	V. slight	.30	3.45	1.15	2.30	.0012	.0168	.0160	.0008	.0000	.0000	.47	0.5	.003	
†111406	23	V. slight	V. slight	.45	5.85	1.80	4.05	.0016	.0204	.0172	.0032	.0000	.0000	.61	1.6	.012	
*112827	Nov. 18	None	V. slight	.45	4.40	1.70	2.70	.0016	.0186	.0168	.0018	.0010	.0000	.59	1.0	.012	
†112828	18	V. slight	Slight	.43	3.90	1.60	2.30	.0020	.0244	.0172	.0072	.0000	.0000	.66	0.8	.011	
†112829	18	None	None	1.90	8.20	4.00	4.20	.0040	.0412	.0376	.0036	.0000	.0002	2.48	1.3	.031	

These samples were collected from
Great Quittacas Pond. *Surface. †Bottom.
†Collected from Black Brook which empties into Great Quittacas Pond

Scale of color: 0—Colorless
1—Yellowish brown tint
2—Deep yellowish brown tint

WATER ANALYSIS—STATE BOARD OF HEALTH

PARTS IN 100,000

WATER REPORT

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Number	Date of Collection	APPEARANCE			RESIDUE ON EVAPORATION			AMMONIA			Chlorine	NITROGEN AS		Oxygen Consumed	Hardness	Iron	
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid								
									In solution	In suspension							
1913																	
*105590	Jan. 28	V. slight	V. slight	.23	3.60	1.05	2.55	.0012	.0216	.0174	.0042	.54	.0000	.0000	.43	0.8	.025
†105591	Jan. 28	V. slight	V. slight	.25	3.10	1.10	2.00	.0006	.0194	.0144	.0050	.53	.0010	.0001	.42	1.3	.020
*106799	Mar. 25	Slight	Slight	.30	3.35	1.20	2.15	.0028	.0208	.0162	.0046	.56	.0000	.0000	.46	0.8	.020
†106800	Mar. 25	Slight	Cons.	.28	3.50	1.20	2.30	.0044	.0240	.0172	.0068	.55	.0000	.0000	.42	0.8	.018
*108074	May 27	V. slight	V. slight	.30	3.55	1.05	2.50	.0012	.0172	.0152	.0020	.48	.0010	.0000	.42	1.3	.030
†108075	May 27	V. slight	Slight	.30	3.70	1.35	2.35	.0020	.0226	.0164	.0062	.49	.0010	.0000	.44	1.3	.030
*109419	July 22	V. slight	V. slight	.27	4.60	1.20	3.40	.0018	.0200	.0184	.0016	.53	.0000	.0000	.41	0.8	.012
†111402	Sept. 23	V. slight	V. slight	.20	4.00	1.45	2.55	.0012	.0170	.0130	.0040	.62	.0000	.0000	.36	0.5	.010
†111403	Sept. 23	V. slight	Slight	.20	3.60	1.15	2.45	.0012	.0232	.0158	.0074	.60	.0000	.0000	.36	0.5	.049
*112825	Nov. 18	V. slight	V. slight	.27	4.20	1.60	2.60	.0026	.0186	.0162	.0024	.51	.0000	.0000	.33	1.3	.033
†112826	Nov. 18	Slight	Cons.	.30	3.90	1.30	2.60	.0020	.0242	.0146	.0096	.49	.0000	.0000	.37	1.0	.041

These samples were collected from Little Quittacas Pond. *Surface. †Bottom.

Scale of color: 0—Colorless
1—Yellowish brown tint
2—Deep yellowish brown tint

WATER ANALYSIS—STATE BOARD OF HEALTH PARTS IN 100,000

Number	Date of Collection	APPEARANCE		RESIDUE ON EVAPORATION				AMMONIA			Chlorine	NITROGEN AS		Oxygen Consumed	Hardness	Iron	
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid			Nitrates	Nitrites				
									In solution	In suspension							
1913																	
*105595	Jan. 28	None	V. slight	1.50	5.40	2.55	2.85	.0032	.0328	.0308	.0020	.53	.0000	.0001	1.21	0.8	.030
105596	Jan. 28	V. slight	V. slight	.75	4.40	1.90	2.50	.0032	.0208	.0196	.0012	.51	.0000	.0000	.98	0.8	.040
*106804	Mar. 25	Slight	Cons.	2.00	5.45	2.60	2.85	.0040	.0276	.0240	.0036	.40	.0000	.0000	1.64	0.5	.030
106805	Mar. 25	Slight	Slight	.90	4.00	1.50	2.50	.0032	.0264	.0200	.0064	.49	.0000	.0000	1.02	0.8	.025
*108079	May 27	None	None	2.25 Turbid	5.00	2.80	2.20	.0056	.0304	.0276	.0028	.42	.0000	.0000	2.08	0.8	.035
108080	May 27	V. slight	None	.92 Turbid	4.60	2.10	2.50	.0018	.0212	.0194	.0018	.49	.0000	.0000	1.04	0.8	.025
*109421	July 22	V. slight	Slight	.60 Turbid	3.95	1.30	2.65	.0048	.0248	.0192	.0056	.51	.0000	.0000	.60	0.3	.023
109422	July 22	None	V. slight	.60 Turbid	4.15	1.65	2.50	.0032	.0204	.0180	.0024	.55	.0000	.0000	.72	0.5	.023
*111407	Sept. 23	Slight	Cons.	.60	4.75	1.95	2.80	.0012	.0220	.0156	.0064	.55	.0000	.0001	.64	0.2	.019
111408	Sept. 23	V. slight	V. slight	.33	4.10	1.60	2.50	.0012	.0164	.0156	.0008	.58	.0000	.0000	.48	0.2	.016
*112830	Nov. 18	None	None	2.10	7.35	4.15	3.20	.0036	.0280	.0280	.0000	.51	.0010	.0001	2.24	1.1	.045
112831	Nov. 18	V. slight	V. slight	.65	4.70	2.00	2.70	.0012	.0216	.0190	.0026	.55	.0000	.0001	.98	0.8	.031

These samples were collected from Long Pond.
*Collected from Fall Brook which empties into Long Pond.

Scale of color: 0—Colorless
1—Yellowish brown tint
2—Deep yellowish brown tint

WATER REPORT

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WATER ANALYSIS—STATE BOARD OF HEALTH

PARTS IN 100,000

Number	Date of Collection	APPEARANCE		RESIDUE ON EVAPORATION			AMMONIA			Chlorine		NITROGEN AS		(Oxygen Consumed	Hardness	Iron
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Total	In solution	In suspension	Nitrates	Nitrites			
	1913															
105597	Jan. 28	V. slight	Slight	.34	4.60	1.85	2.75	.0036	.0352	.0272	.0080	.69	.0020	.0001	.51	1.3
106878	Mar. 27	None	V. slight	1.54	5.10	2.55	2.55	.0048	.0280	.0232	.0048	.47	.0010	.0000	1.16	0.8
108054	May 26	V. slight	V. slight	1.63	5.55	3.10	2.45	.0012	.0168	.0142	.0026	.49	.0010	.0000	1.68	0.8
109416	July 22	None	V. slight	.30	9.60	2.15	7.45	.0060	.0308	.0290	.0018	1.25	.0000	.0000	.46	2.1
111398	Sept. 23	V. slight	Slight	.70	4.45	1.75	2.70	.0028	.0332	.0248	.0084	.62	.0000	.0000	.79	0.6
112879	Nov. 19	None	V. slight	2.10	8.40	4.70	3.70	.0088	.0364	.0316	.0048	.63	.0090	.0000	2.16	1.3

These samples were collected from Old Storage Reservoir.

Scale of color: 0—Colorless
1—Yellowish brown tint
2—Deep yellowish brown tint

The surface of Great Quittacas Pond has varied from elevation 51.50 on April 16, 1913, to elevation 48.15 on October 1, 1913. At this date it is at elevation 50.00.

The surface of Little Quittacas Pond has varied from elevation 48.30 on March 2, 1913, to elevation 44.60 on November 2, 1913. At this date it is at elevation 44.95.

All parts of the Quittacas Pumping Station continue to be maintained in the highest type of efficiency. The surrounding region has been greatly improved by the development of beds of flowers and shrubs. A large amount of work has been done in improving the south shore of Little Quittacas Pond, and a large amount of the shallow deposit formerly bordering along this shore has been removed allowing deeper water to be now maintained. A substantial bank wall is now being constructed along this shore.

Good progress has been made in the development of the forestry work. A large area of land has been cleared for future planting, and some five thousand seedlings have been transplanted from the nursery to permanent locations. A new nursery has been started on the bank of the "Dry Swamp Ditch," about half a mile distant from the Pumping Station. Herein we now have about thirty-five thousand *Arbor Vitae* seedlings in a most flourishing condition. It was impossible for us to obtain any "White Pine" seeds early this year as the supply everywhere was entirely exhausted. Hence, we were unable to start any "White Pine" seedlings this year as we very much wished to do. It is proposed to do quite a large amount of planting during the coming year.

The distributing mains have been increased 32,406 feet and 8,599 feet of pipe laid in previous years have been removed. The total length of distributing mains at this date is 158.36 miles.

Legislative sanction, which was obtained early in the year, allows a supply of water to the residents bordering upon the Middleboro Road, in the Town of Freetown, from Morton's Corner northerly, to the Freetown line. A water supply has been furnished to the majority of houses upon that road in accord with the terms mentioned in the Legislative Act.

An external and internal inspection of the forty-eight inch steel force-main was made on Friday, May 18, 1913, by the following named party:

Thaddeus Merriman, Asst. to Chief of Board of Water Supply, New York City.

Leonard Metcalf, of firm of Metcalf and Eddy, Boston, Mass.

George H. Nye, City Engineer.

R. C. P. Coggeshall, Supt. Water Department.

The party first entered the pipe through the High Hill Reservoir gate house, and proceeded northerly, first through the short stretch of 48 inch cast iron pipe, then entering upon the steel pipe and proceeding a distance of about 1,200 feet to manhole No. 83. This pipe was installed in 1896, and has been in service for seventeen years. It was last inspected five years since (May 21, 1908) by Mr. Merriman and Mr. Coggeshall. A report of that inspection appears on page 25 of the Superintendent's report for the year ending December 31, 1908. Here the internal and external conditions were found to be much as they were at the time of the last examination. Photographs of the interior of this pipe as it was five years ago, and as it is at the present time at manhole No. 84 near High Hill Reservoir are herewith presented. The number of tubercules upon the interior surface was then estimated to range from three (3) to seventy (70) per square foot, with very

few sheets showing the larger number. There has since been a probable increase of from ten (10) to twenty (20) per cent. The pittings beneath the tubercules have not grown materially deeper, and the tubercules have not so far as could be judged increased very greatly, either in size or in numbers. The average depth of the pittings now ranges from .075" to .090". The deepest one found was 0.110" which is no deeper than one found five years ago. The thickness of the steel plate is 5/16 of an inch or 0.312. It will thus be noted that this extreme pitting scarcely exceeds one-third of the thickness of the steel, and this pipe has now been in constant service for seventeen years.

In the cast iron pipe the tubercules themselves have grown considerably in size. The extent of this growth is best indicated by the four outer rings, which can be clearly seen on photographs, showing the under or contact side of tubercule. Photographs showing the top and side view of sample tubercules from the cast iron pipe are also submitted.

Samples of tubercules from the cast iron pipe which enters the High Hill reservoir gate house were collected and analyses of the soft central or middle portion thereof and of the tubercules as a whole were made. Results of these analyses are as follows:

ANALYSES OF TUBERCULES.

Sample marked No. 3, soft central portion of tubercules from 48 inch cast iron pipe which enters High Hill Reservoir gate house.

Silica and insoluble matter.....	3.24
Ferric oxide Fe_2O_3	69.12
Alumina & Lime Al_2O_3 & CaO	traces
Sulphuric anhydride SO_3	1.36
Water of hydration H_2O	26.28
Carbon dioxide, CO_2	none

Sample marked No. 4, whole tubercule from 48 inch cast iron pipe line as above.

Silica and insoluble matter.....	1.78
Ferric Oxide, Fe_2O_3	68.62
Alumina & Lime Al_2O_3 & CaO	traces
Sulphuric anhydride, SO_3.....	.55
Water of hydration, H_2O	28.16
Carbon dioxide, CO_2	none

The interior of the steel pipe is now plentifully lined with blisters as well as tubercles, as can be seen on the accompanying photographs. The blisters, however, far outnumber the tubercles. The number of blisters has somewhat increased within the past five years. In a way they help to protect the steel, for there is seldom any trace of rusting found upon the steel beneath them. Under the blisters the steel is generally sound and smooth and in most instances the mill scale, or coating of magnetic oxide of iron formed during the rolling of the plate is intact. The water held by these blisters is of an alkaline nature. It is not as alkaline now as it was five years ago. Occasionally, under the blisters, rust is beginning to appear, but not yet sufficient to effect the surface of the steel.

These blisters are of all sizes up to two and three inches in diameter. A sample of water from between these blisters was taken, and analyzed with the result herewith presented:

ANALYSIS OF WATER.

Sample marked No. 1—"Blister water" from High Hill end of New Bedford 48" steel conduit.

The water as received was strongly alkaline to litmus.

	Parts per million.
Total solids.....	637
Loss on ignition.....	164
Mineral residue.....	473
Alkalinity	518
Lime CaO	trace
Chlorine, Cl	trace
Sulphuric anhydride SO_2	31

Sample marked No. 2—"Blister water"—from
Beaver Dam section on above conduit.

	Parts per million.
Total solids.....	1998
Loss on ignition.....	516
Mineral residue.....	1482
Alkalinity	1614
Lime CaO.....	trace
Chlorine, Cl.....	30
Sulphuric anhydride, SO ₃	55

The ignition was attended by darkening, indicating presence of some organic matter.

Alkalinity due to fixed alkalies, hydrates and carbonates of sodium and potassium; determined by titration with 1/50 normal acid.

Later in the day the pipe was entered at Manhole No. 24, at the "Beaver Dam." This section was examined on May 22nd, 1908, and again on October 22nd, 1909. The conditions were found to be generally similar to those at the time of the last examination, although it is quite certain that the number of blisters has been increasing while the tubercles have remained practically constant as to numbers. The deepest pitting found was 0.112 inches, which shows no increase over the extreme depth found five years ago. A sample of water from behind the blisters was taken and the analysis of same is presented above. Here were found frequent small patches of spongilla none of which were seen in the High Hill section. Later in the season these will be very much larger in all parts of the pipe.

The inside asphalt coating in the steel pipe has lost most of its originality elasticity, but the facts that new blisters have formed and that old ones have increased in size seems to indicate that some elasticity still remains and that the coating is still of value as a protection to the steel.

The walking through this pipe breaks this coating up, and there seems to be no question but that the less it is disturbed the better it is for the pipe.

It seems probable that the carrying capacity of this pipe has not changed much from that of the two previous examinations, but this is due in part to the low velocity of flow through it.

In the various places where the outside coating was examined it was found to be very smooth and in excellent condition.

Thus far there has been very little reliable data upon which to base the probable life of a steel pipe of this character, though this life is dependent on the quality of the water carried. When this pipe was laid seventeen years ago, it was expected to last at least twenty-five years. Previous to this installation, the comparative merits of steel and cast iron pipe was the subject of much discussion by the Water Board, with their Constructing Engineers, Messrs. George S. Rice, and George E. Evans, who convinced the Board that the cost of the steel pipe would be about twenty-eight per cent less than that of a cast iron pipe of same size, and that the steel pipe would have an assured life of at least twenty-five years. Thus the City could well afford to replace the steel pipe every twenty-five years rather than to pay the extra cost of installing the cast iron. That this has proved to be a very wise decision is now confirmed by the fact that in the opinion of those who have just examined this pipe, it is still in excellent condition. They find the interior conditions to be such that a long life is still in sight. It seems that the pitting of the steel upon the interior surface instead of advancing by penetrating the steel more deeply, has, to some extent at least, been active in spreading itself out over somewhat larger areas and to lesser depths. So with

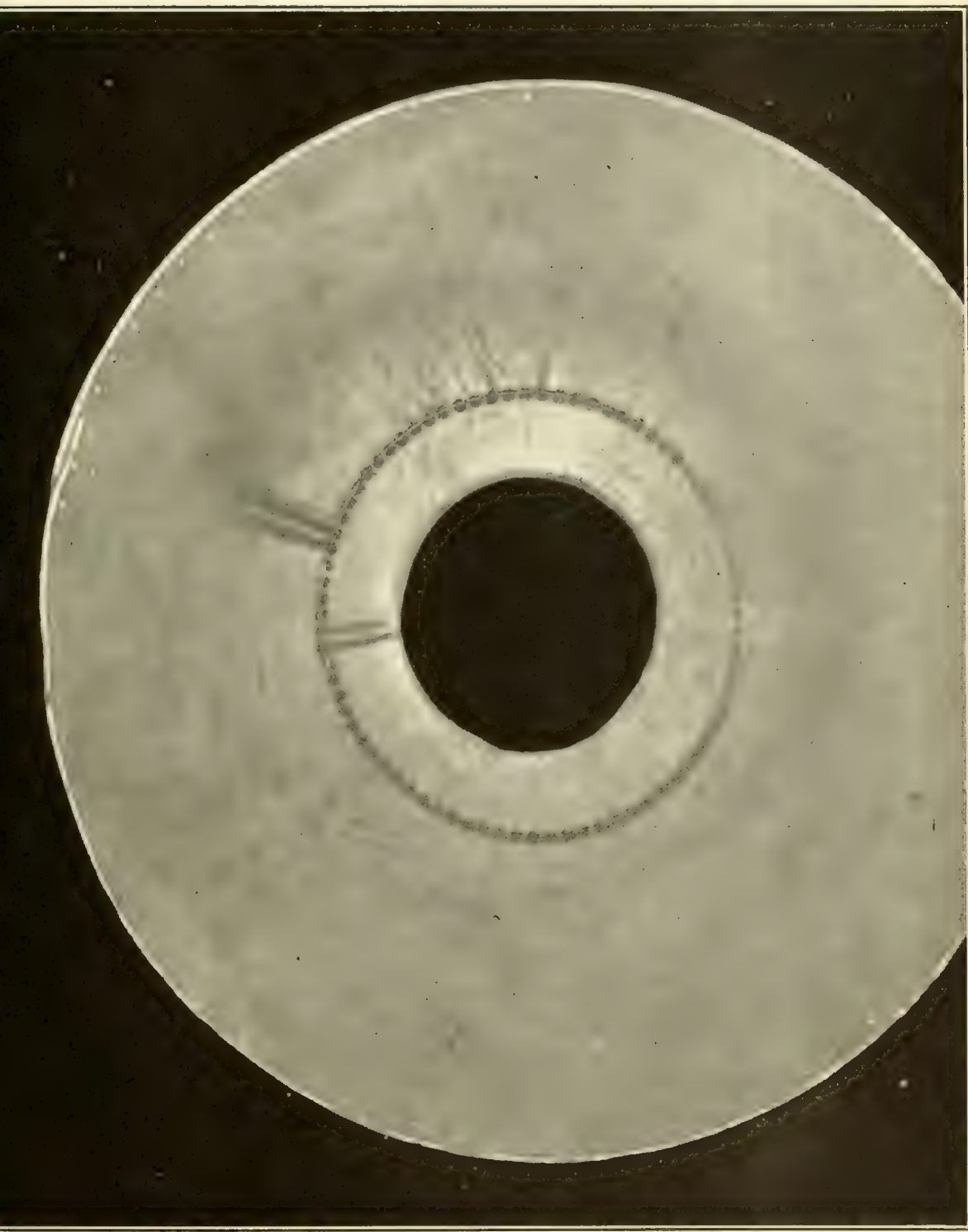
this seventeen years experience before us, it is now very easy to prophecy its reliability and usefulness for many years exceeding the twenty-five year limit.

The tall chimney at the Purchase Street Pumping Station is in need of extensive repairs. It shows the result of frost action for the past fifteen years. The outside shell is weak and possibly dangerous, so much so, that it has been reinforced by bands placed around it to ensure its safety through the coming winter. It is imperative that repairs be made in the spring.

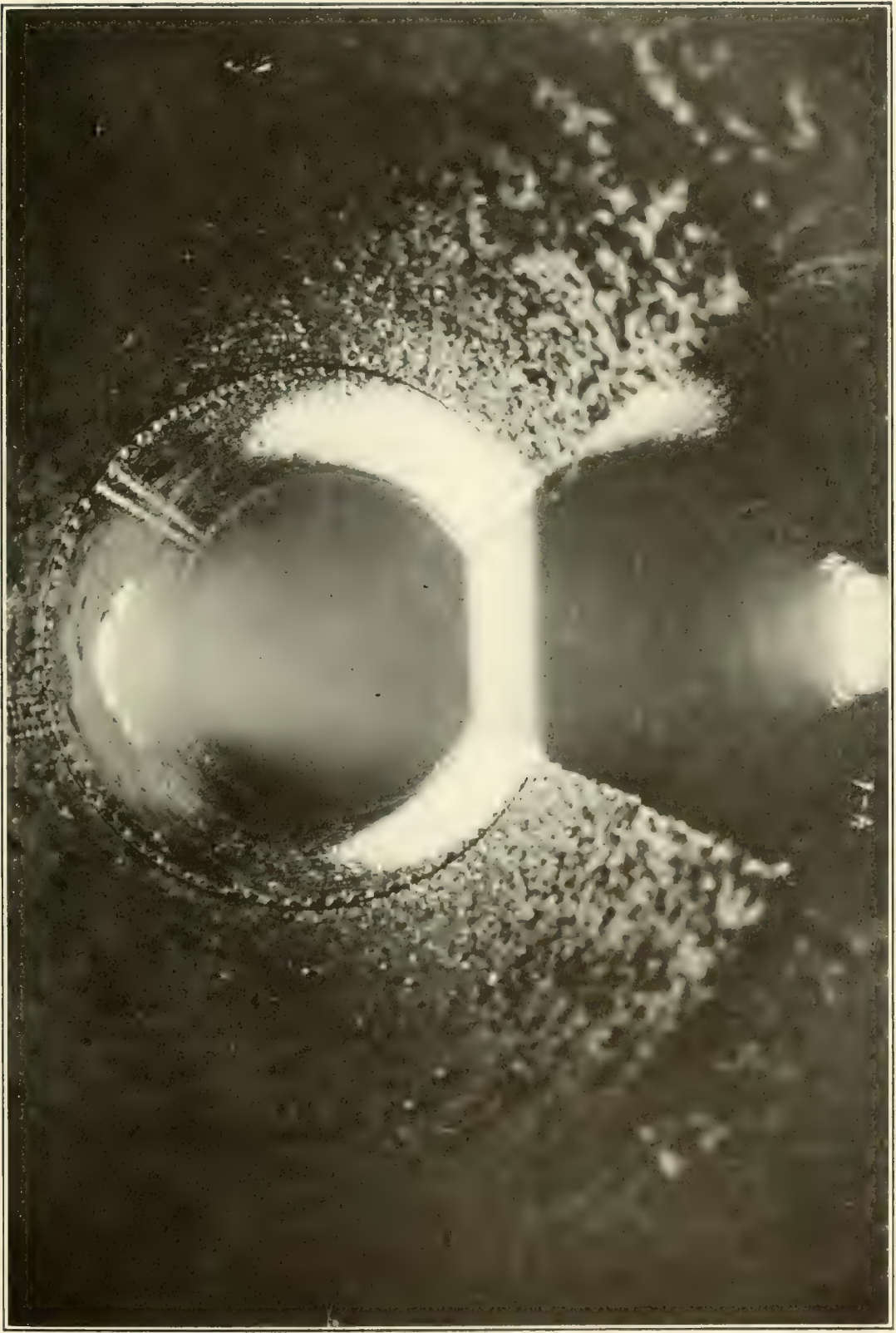
The stand pipe tower on Mt. Pleasant Street, near the Distributing Reservoir, has not been in service for over twenty years. It will never again be needed for water supply service. The writer recommends that either it be taken down the coming year, or sold with the proviso that it be removed within a specified time.

Quite a sizable addition to the garage at the Water Street workshop is now nearly completed. This is a much needed improvement, and enables us to give the best of care to all the motor vehicles belonging to this department, which heretofore has not been possible.

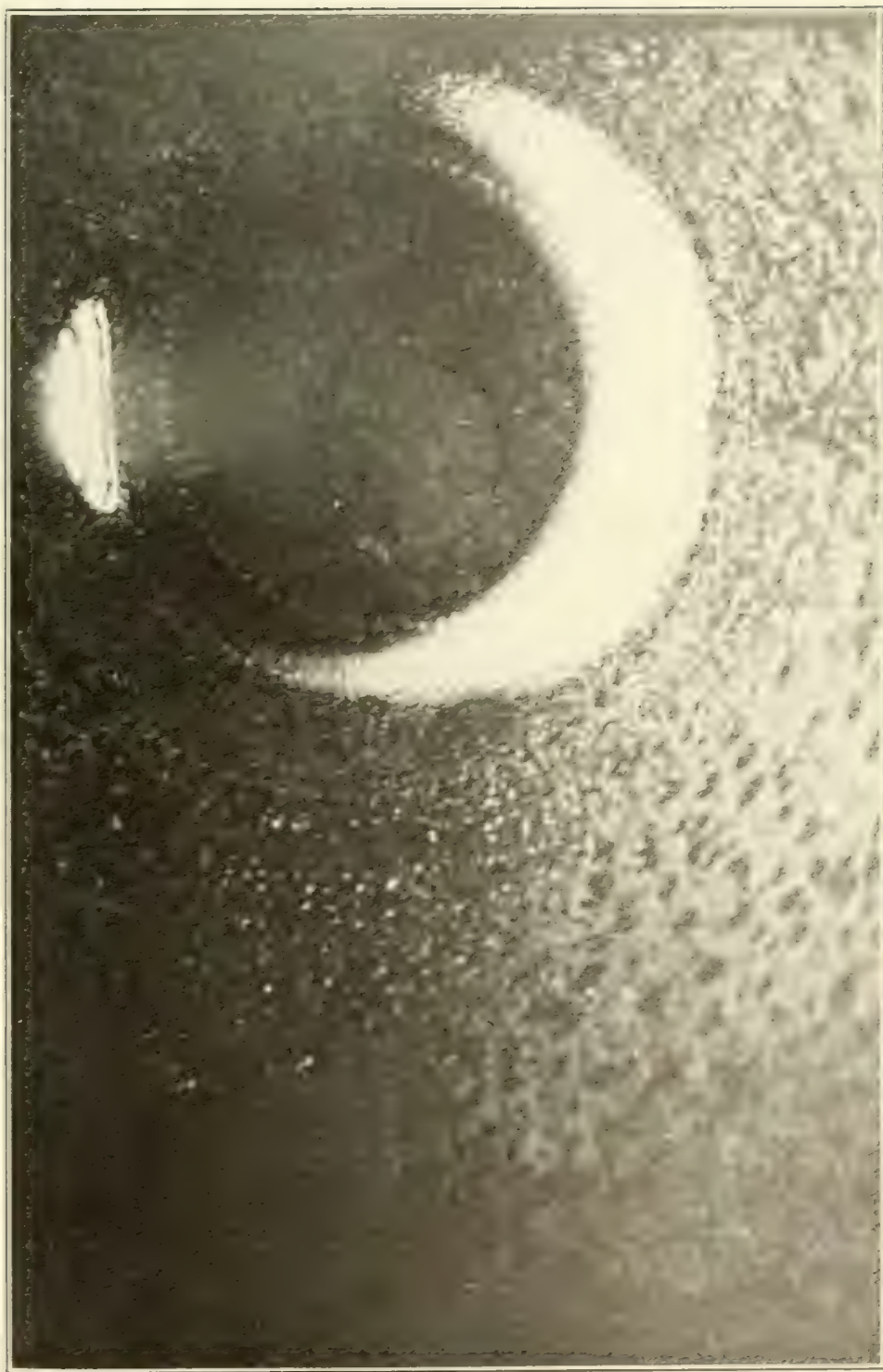
Relating to the work of "Special Extensions and Renewals," (Chap. 75, Acts of 1912), would say that all the work contemplated by that Legislation is about completed. The westerly section of the encircling main is now fully completed. This includes a continuous line of thirty inch pipe commencing on Cottage Street at Durfee; thence southerly, westerly, and easterly through Cottage, Parker, Park, Hillman, Newton, Union, Tremont, Hawthorn, Page, Grape, Oak, Rockland, Orchard, and Rivet Streets to First Street, where the sizes reduces to twenty-four inch and continues southerly in First Street to Cove Street, where it again reduces to sixteen inch, and continues southerly to Cove Road; thence easterly and southerly in Cove Road and Brock Avenue to David Street where it terminates.



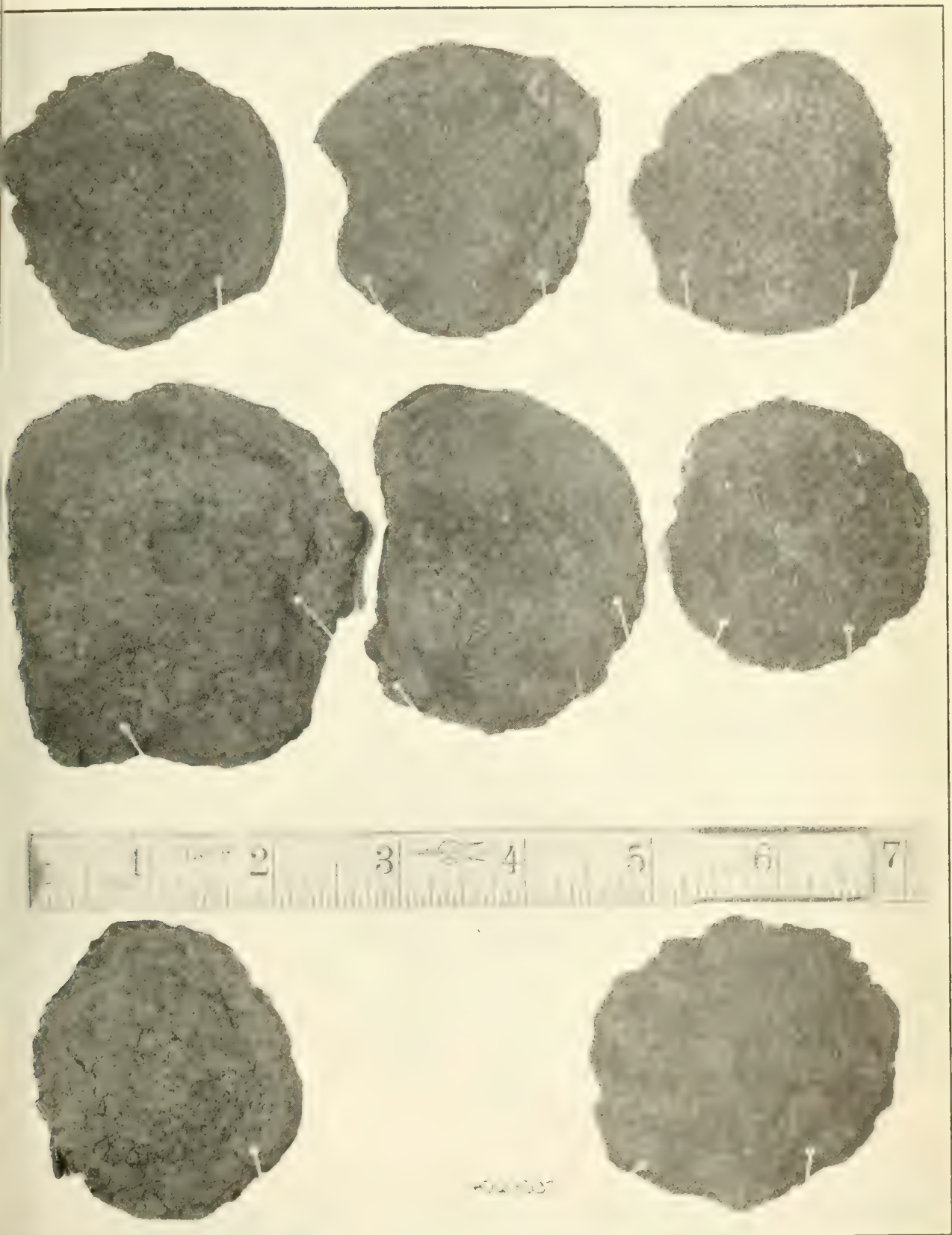
Steel force main installed in 1896. Interior May 1901. No tubercules. The dark ridges are folds caused by the



STEEL FORCE MAIN INSTALLED IN 1896. INTERIOR MAY 1908.



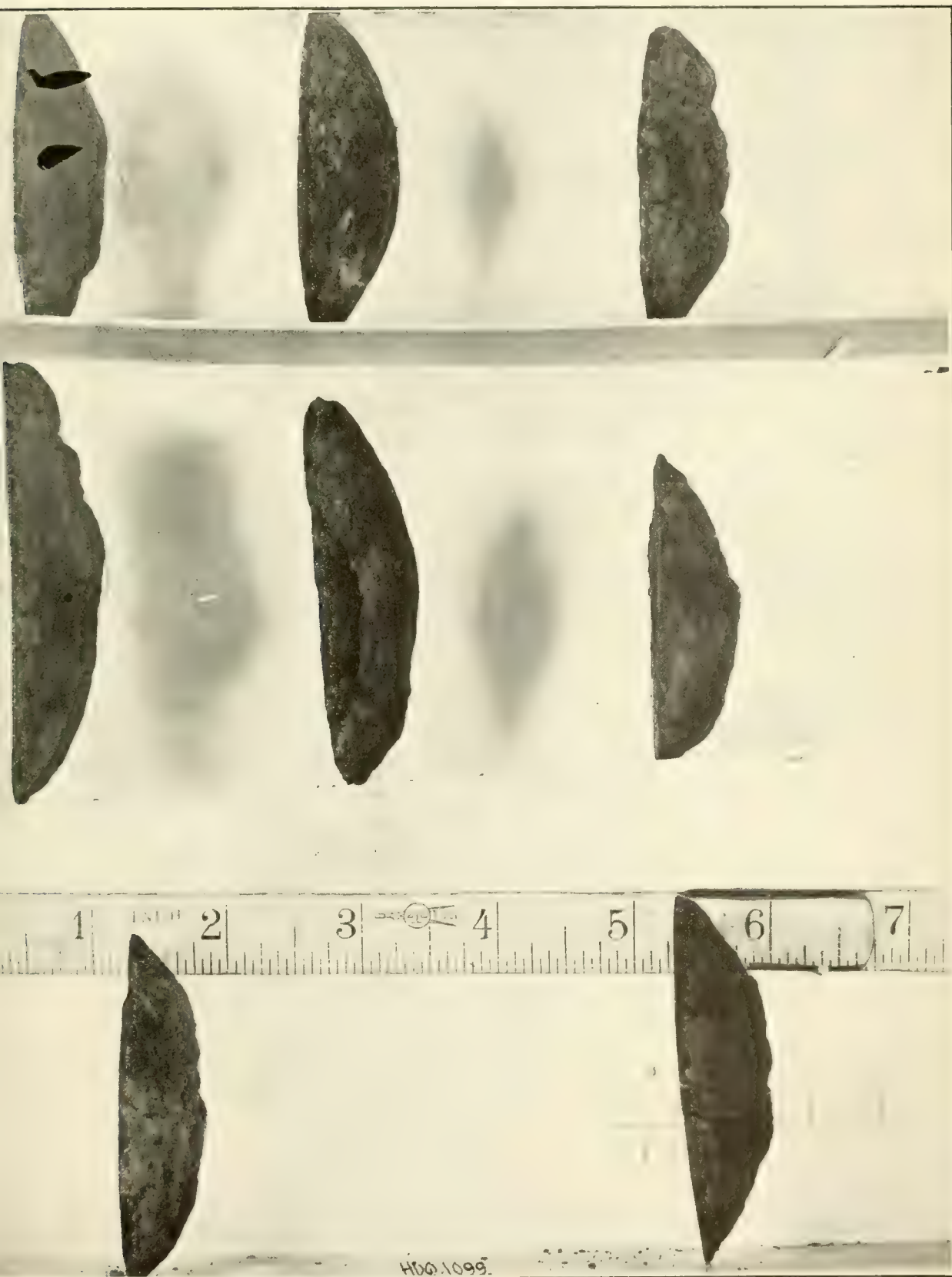
STEEL FORCE MAIN INSTALLED IN 1896. INTERIOR MAY 1913.



ercules taken from 48 inch cast iron pipe at entrance to Gate House, High Hill Reservoir, May 1913
FRONT VIEW.



Tubercles taken from 48 inch cast iron pipe at entrance to High Hill Reservoir, May 1913.
REAR VIEW.



Tubercles taken from 48 inch cast iron pipe at entrance to High Hill Reservoir, May 1913.

SIDE VIEW.

The installation of this pipe has extended over the three past seasons. The work of the past season has included the filling in of the line in Rivet Street between Second and Orchard Streets, also the installation of a small section of the easterly section of said "Encircling Main" at the junction of Second Street and South Street. The latter work was made necessary as it seemed imperative that the work should go together with the concrete construction of the new intercepting sewer at that location.

No provision has yet been made for the easterly section of the Encircling Main. This includes the continuation of the thirty-inch pipe from present terminus on First Street at Rivet Street; thence northerly and westerly in First, South, Second, Water, Acushnet Avenue, Logan, and Bowditch Streets to the present terminus of thirty inch pipe south of Cedar Grove Street. It is proposed to install sections of this pipe from time to time whenever funds for so doing are available.

The construction of the intercepting sewer is now progressing in Second Street. It will proceed in Second Street to Walnut Street where it turns to the east. It is proposed to locate the new thirty inch pipe parallel to, and very close to, the sewer in the section between South and Walnut Streets. If the Sewer construction could be immediately followed by the installation of this water pipe while this street is in a state of upheaval, there is no doubt but that the installation would involve a much less expense than would be the case if the work is postponed until some future time.

There have been twenty-two leaks upon the mains the past year as herewith shown:

DATE	SIZE	LOCATION	CAUSE	COST
1912				
Dec. 3	6 in.	Nelson st., west of County	Broken pipe	\$27.93
Dec. 16	6 in.	Acushnet ave., south of Bedford	Joint started	5.00
Dec. 21	6 in.	Poplar rd., west of Bolton	Joint started	2.72
Dec. 21	6 in.	Cottage rd., west of Bolton	Joint started	2.72
Dec. 31	16 in.	Cedar st., south of Durfee	Pipe cracked	40.77
1913				
Feb. 17	8 in.	Belleville ave., south of Holly	Broken pipe	43.03
Mar. 1	16 in.	Acushnet ave., north of Ball's Corner	Wooden joint started	6.43
Mar. 1	10 in.	Riverside ave., north of Mano met	Joint started	10.00
Apr. 8	6 in.	Smith st., west of Summer	Joint started	8.47
Apr. 24	10 in.	Orchard st., south of Rivet	Joint started	4.17
May 2	6 in.	Mill rd., north of Tarkiln Hill rd.	Joint started	6.42
July 15	4 in.	Washburn st., at Belleville ave.	Joint started	2.82
July 17	12 in.	East French ave., at Mott	Joint started	15.18
July 30	4 in.	N. B., M. V. & N. Steamboat wharf	Joint started	2.97
Aug. 15	12 in.	Belleville ave., north of Sylvia	Joint started	8.61
Sept. 3	16 in.	Acushnet ave., north of Tarkiln Hill rd.	Wooden joint started	7.18
Sept. 15	16 in.	Acushnet ave., north of Ball's Corner	Wooden joint started	3.58
Sept. 15	12 in.	Acushnet ave., south of Merri-mac	Joint started	8.92
Sept. 30	16 in.	Acushnet ave., north of Ball's Corner	Wooden joint started	8.38
Oct. 24	36 in.	Shawmut ave., south of Turner's Pond	Wooden joint started	35.21
Nov. 7	16 in.	Acushnet ave., north of Tarkiln Hill rd.	Wooden joint started	4.85
Nov. 28	10 in.	Potomska st., east of Prospect	Joint started	9.69

Fifty-five feet of small sized distribution pipe (less than four inches) have been removed. The total length now in use is 4,813 feet.

One hundred five new stop gates have been set and twenty-six of those previously set have been removed. The total number now in use is 2,060.

Three new waste gates have been set and three of those previously set have been removed. The total number now in use is 159.

Eleven new stop gates for private supplies have been set and eight of those previously set have been removed. The total number now in use is 315.

Twelve new air taps have been set. The total number now in use is 156.

Ninety-nine new hydrants have been set and forty-two of those previously set have been removed. The total number now in use is 1,257.

Four hundred sixty-six new service pipes have been laid and fifty-four of those previously laid have been removed. The total number now in use is 14,055.

Three hundred and seventy-nine service taps have been cleaned as follows: Rust, 364; trouble inside, 15.

The work of general installation of meters has proceeded very satisfactorily and good progress in this work has been made during the year. All new supplies have been metered and in addition there has been a gain of 1,963 meters on the former unmetered supplies. Over 87 per cent of the total service supplies are now metered, this being a gain of $14\frac{1}{2}$ per cent for the year.

The total number of meters set in 1913 was	2,432
Number removed,	90
<hr/>	
To be added,	2,342
Number in use December 1, 1912,	9,998
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Number in use December 1, 1913,	12,340

This list may be divided as follows:

Manufacturing supplies,	228	
Domestic supplies,	12,112	12,340
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The following is a list of the different makes of meters in commission: Crown, 235; Empire, 196; Nash, 448; Gem, 7; Trident Compound, 13; Trident Crest, 14; Trident Disc, 248; Hersey Torrent, 15; Hersey Rotary, 97; Hersey Disc, 1,111; Hersey Detector, 3; Watch Dog, 5; Union Rotary, 132; King, 7,325; Lambert, 1,284; Thomson, 3; Worthington Turbine, 2; Worthington Disc, 1,195; Keystone, 6.

TOTAL COST OF REPAIRING METERS DURING YEAR 1913.

Size	Damaged by Frost	Other Repairs	Total Number Repaired	Total Cost of Repairs	Average Cost of Repairs
4 inch	0	9	9	\$37.39	\$4.15
3 inch	0	3	3	42.34	14.11
2 inch	0	11	11	54.59	4.96
1½ inch	0	2	2	28.17	14.09
1 inch	0	37	37	157.25	4.25
¾ inch	9	70	79	193.75	2.45
⅝ inch	99	408	507	1,161.05	2.29
Totals	108	540	648	\$1,674.54	

The horse bowl located on Court Street, west of Jenney Street has been removed and reset on Hathaway Road 1,964 feet east of Rockdale Avenue. One new drinking fountain has been placed on Acushnet Avenue at Braley Road. This is a Jenks fountain of the latest pattern, for animals only, and is constructed with six individual bowls inside a large bowl, and a circular trough around the base for small animals. Following is a complete list of the drinking fountains now in use:

1. West French Ave., at Cove St.....Jenks
2. Bolton St., at junction of Rivet St.....Jenks
3. Sixth St., at junction of County St.....Jenks
4. Allen St., at junction of Dartmouth St.....Jenks
5. Front St., at corner of School St.....Jenks
6. Union St., at corner of Bethel St.....Jenks
7. Hathaway Road, 1,964 ft. east of Rockdale Ave.Horse bowl
8. Kempton St., at junction of Mill St.....Jenks
9. Hillman St., at corner of County St..Nash (drinking only)
10. County St., at corner of Smith St.....Nash
11. Shawmut Ave., at corner of Durfee St.....Jenks
12. Acushnet Ave., at junction of Weld St.....Jenks
13. Acushnet Ave., south of Tarkiln Hill Rd.....Jenks
14. Belleville Road, between Acushnet Ave. and No. Front St.....Jenks
15. Acushnet Ave., at junction of Water St.....Jenks
16. Acushnet Ave., at corner of Braley Road.....Jenks

MONTHLY CONSUMPTION OF WATER.

1913. Month.	Monthly Consumption.	Daily Average Consumption.
	Gallons.	Gallons.
January	239,214,384	7,716,593
February	218,564,642	7,805,880
March	225,924,520	7,287,888
April	216,156,346	7,205,211
May	232,810,150	7,510,005
June	241,777,106	8,059,237
July	267,353,500	8,624,306
August	252,851,028	8,156,484
September	242,451,068	8,081,702
October	238,841,022	7,704,549
November	224,373,078	7,479,102
December	232,511,360	7,500,366
Totals	2,832,828,204	
Averages	236,069,017	7,761,173

Maximum daily consumption, July 7th, 11,018,104 gallons.

Minimum daily consumption, April 20th, 4,261,300 gallons.

Average day consumption 6 A. M. to 6 P. M., 5,516,290 gallons.

Average night consumption 6 P.M. to 6 A. M., 2,244,883 gallons.

COMPARISON OF THE CONSUMPTION OF THE YEAR 1913
WITH THE RECORD OF THE 31 PREVIOUS YEARS.

Year	Estimated Population	Estimated number of consumers	Number of Taps	Total number of gallons consumed	Average daily consumption	Gallons per day to each inhabitant	Gallons per day to each consumer	Gallons per day to each tap	Number of meters
1882	28,500	20,424	4,203	859,119,622	2,326,352	82	114	553	41
1883	30,000	22,249	4,465	849,059,700	2,326,191	78	105	521	49
1884	33,000	23,749	4,691	867,815,595	2,371,080	72	100	506	60
1885	33,700	25,375	4,965	1,049,801,050	2,876,167	85	113	579	67
1886	34,500	28,480	5,225	1,086,534,615	2,976,807	86	104	569	82
1887	36,000	30,080	5,495	1,112,302,789	3,047,404	85	101	555	102
1888	37,500	31,826	5,785	1,229,841,794	3,360,223	89	109	581	108
1889	40,000	34,000	6,104	1,310,488,214	3,590,379	90	106	588	120
1890	41,500	35,740	6,394	1,485,143,213	4,066,200	98	114	636	123
1891	45,000	38,500	6,742	1,513,161,482	4,145,648	92	108	615	135
1892	50,000	41,776	7,134	1,607,955,166	4,393,320	88	105	616	144
1893	55,000	44,158	7,531	1,824,275,536	4,998,015	99	113	664	172
1894	56,000	44,661	7,767	1,747,167,532	4,786,760	85	107	616	221
1895	56,300	46,154	8,027	1,719,830,979	4,711,866	84	102	587	254
1896	59,000	48,570	8,447	1,924,800,313	5,259,017	89	108	623	366
1897	60,000	50,000	8,860	2,071,702,478	5,675,897	95	113	641	621
1898	58,000	50,000	9,014	2,156,277,643	5,907,610	102	118	655	734
1899	58,000	50,000	9,151	2,261,115,500	6,194,837	107	124	677	1,098
1900	62,500	55,000	9,280	2,306,997,774	6,320,542	101	115	681	1,429
1901	65,000	57,000	9,447	2,150,199,262	5,890,957	91	103	624	1,566
1902	70,000	61,000	9,612	2,325,807,038	6,372,074	91	104	663	1,771
1903	72,000	62,000	9,927	2,535,280,580	6,945,974	96	112	700	1,954
1904	73,000	63,000	10,166	2,570,360,614	7,001,520	96	111	689	2,145
1905	75,000	66,000	10,477	2,586,640,683	7,093,187	95	107	677	2,434
1906	83,000	76,000	10,764	2,524,786,872	6,916,880	83	91	643	2,803
1907	88,000	81,000	11,107	2,711,824,444	7,435,572	84	91	670	3,196
1908	89,000	82,000	11,516	2,740,666,728	7,488,160	84	91	653	3,628
1909	95,000	88,000	12,043	2,727,327,230	7,472,129	79	85	621	4,572
1910	99,000	92,000	12,769	2,870,478,148	7,864,323	79	85	616	6,106
1911	102,700	96,000	13,311	2,910,369,438	7,973,615	78	83	599	8,206
1912	103,000	97,000	13,643	3,030,739,034	8,280,707	80	85	607	9,998
1913	104,000	99,000	14,055	2,832,828,204	7,761,173	75	78	552	12,340

The foregoing statement shows the average daily consumption to have been nearly half a million gallons, less than that of last year. The night consumption, (The twelve hours which follow 6 P. M.), has now reduced to a lower amount than has obtained since 1902, at which time the City's population was fully a third less than at present. It will also be noted that the per capita rate which was 107 gallons in 1899 has gradually reduced to 75 gallons the present year. This is both satisfactory and encouraging. There is, however, nothing suggestive or surprising about this. All cities which have made general meter installations have experienced a large reduction in the daily consumption, and we are simply realizing that which was expected to occur. Nearly ninety per cent. of our service supplies are now metered and it is expected that the work will be fully completed during the coming year.

Respectfully submitted,

R. C. P. COGGESHALL,

Superintendent.

TABLE A.
STATEMENT OF WORK DONE BY LEAVITT ENGINE B FOR YEAR ENDING
DECEMBER 1ST, 1913.

MONTHS	Number of days or parts	Total pumping time		Total number of strokes per month.	Average number of strokes per minute	Total fuel used for all purposes	Total number of gallons pumped per month, allowance being made for slip	Number of gallons pumped per pound of coal for total coal	Number of gallons raised 100 ft. per lb. of coal for total coal	Average dynamic head against pump in feet; no allowance for friction in suction	Average duty in pounds raised one foot high per 100 lbs. of coal; calculated on total fuel used for all purposes. No deductions.
		H.	M.								
December, 1912	25	555	00	1,055,713	31.7	264,750	234,368.286	885	1638	185.13	136,680.238
January, 1913	27	569	30	1,081,722	31.6	278,325	240,142.284	862	1592	184.76	132,950.637
February, "	25	514	00	973,661	31.5	249,725	216,152.742	865	1597	184.66	133,302.289
March, "	26	531	30	1,007,660	31.5	257,025	223,700.520	870	1604	184.44	133,879.101
April, "	26	513	30	975,343	31.6	256,250	216,526.146	844	1568	185.84	130,963.936
May, "	27	560	30	1,067,075	31.7	273,000	236,890.650	867	1608	185.57	134,294.767
June, "	25	558	00	1,059,073	31.6	265,300	235,114.206	886	1648	186.11	137,555.316
July, "	28	652	30	1,212,600	30.9	313,300	269,197.200	859	1598	186.10	133,359.072
August, "	26	600	00	1,132,324	31.4	287,975	251,375.928	803	1500	186.89	136,057.038
September, "	26	581	00	1,095,444	31.4	280,500	243,188.568	866	1623	187.44	135,330.991
October, "	27	576	00	1,086,851	31.4	295,325	241,058.922	816	1529	187.42	127,586.575
November, "	25	536	00	1,007,349	31.3	263,725	223,631.478	847	1588	187.60	132,672.379
Totals and avgs.	313	6747	30	12,753,815	31.5	3,285,200	2,831,346.930	862	1603	186.00	133,693.490

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deductions for ashes, moisture in coal or anything else.

TABLE B.

LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1913.

Streets.	30 in.	24 in.	20 in.	10 in.	8 in.	6 in.	4 in.
Acorn st., from Durfee, south.....							316
Acushnet ave., from 3 ft. S. of Rivet to 12 ft. S. of N. line Rivet.....						32	
Adams st., from Mt. Pleasant to Highland.....					545		
Allen st., from 5 ft. W. of Rockdale ave. (south), west					86		
Aquidneck st., from 106 ft. E. of Brock ave., east....						339	
Armour st., from 413 ft. S. of Court to Arnold.....					270	486	
Arnold st., from 293 ft. E. of Rounds to Rotch.....						244	
Bank st., from Matthew, south.....						145	
Beech st., from 153 ft. N. of Maxfield, north.....							
Belleville ave., from 198 ft. N. of Washburn to Kenyon						19	
Bonney st. (main E. side of sewer), from 30" main at Rivet to 12 ft. S. of Rivet.....						28	
Bonney st. (main W. side of sewer), from 10 ft. S. of Rivet to 4 ft. N. of Rivet.....					67	8	
Briggs st., at Rivet st., from 16 ft. to 24 ft. pipe line..							
Brook st., from 5 ft. N. of Belleville rd. to Glennon...					163		
Brownell st., from Maple, south.....						136	
Brownell st., from 388 ft. S. of Union to Arnold.....						245	
Calumet st., from Brock ave., to 4 ft. E. of West French ave.						1078	
Caroline st., from Sylvester, south.....					176		

TABLE B—CONTINUED.

	36"	24"	20"	10"	8"	6"	4"
Carroll st., from 4 ft. W. of Brownell to Palmer.....						308	
Central ave., from 173 ft. W. of Conduit st. to Acush-					703		
net ave.							
Central ave., from Acushnet ave. to 13 ft. W. of Acush-						28	
net ave.							460
Chaffee st., from Acushnet ave., west.						1661	
Chancery st., from Hawthorn to Court.						712	
Chancery st., from Kempton to Hillman.						133	
Chancery st., from Maxfield to 90 ft. S. of Sycamore. .						323	
Chancery st., from Tilton, north.							
Church st., from 301 ft. N. of Belleville rd. to Query. .					223	62	
Clinton st., from 115 ft. W. of Rotch, west.							
Coffin st., from 13 ft. W. of E. line Water, east 208 ft.,						472	
thence N. 11 ft., thence east 253 ft.					408		
Cottage st., from Bedford to Grove.							
County st., at Rivet, from 30" main, north.			9				
Crapo st. (main E. side of sewer), from 30x30x8 at							
Rivet, south.						2	
Crapo st. (main W. side of sewer), from 8 ft. S. of							
Rivet to 4 ft. N. of Rivet.					67	177	
DeWolf st., from Mt. Vernon, north.							
Eighth st., from Union to Elm.					755		
Elm st., from Chancery to 161 ft. E. of Park.						100	

TABLE B—CONTINUED.

	30"	24"	20"	10"	8"	6"	4"
Fairmount st., from 251 ft. W. of Rockdale ave., west.						163	
Fern st., from 148 ft. S. of Butler, south.....						96	
Frederick st., from 511 ft. W. of East French ave., west						48	
Front st., from Rivet to Potomska.....					553		
Glennon st., from Brook, west.....						152	
Grand st., from 751 ft. W. of Shawmut ave., west....						320	
Hall st., from 30" main at Rivet to 10 ft. S. of N. line Rivet						24	
Hawthorn st., from County to Orchard.....					560		
Highland st., from 419 ft. N. of Durfee to Mt. Vernon.						533	
Highland st., from Topham to Adams.....					87		
Hillman st., from Liberty to 611 ft. E. of Florence...				449			
Howland st., from Second (east main) to 7 ft. E. of Second					18		
Howland st., from 4 ft. E. of to 6 ft. W. of W. line Second					10		
Hudson st., from Brock ave., west.....						780	
Hyacinth st., from 30" main at Rivet to 10 ft. S. of N. line Rivet.....						24	
James st., from 138 ft. N. of Court to 475 ft. S. of Kempton						399	
Jenney st., from North to Hillman.....						302	
Kenyon st., from 198 ft. E. of Front to Belleville ave.						189	
Lindsey st., from 167 ft. N. of Mill to North.....						17	

TABLE B—CONTINUED.

	30"	24"	20"	10"	8"	6"	4"
Lucas st., from 641 ft. W. of Brock ave., west.....						125	
Maple st., from 178 ft. W. of Rotch to 50 ft. W. of Brownell (north).....						240	
Matthew st., from 13 ft. W. of Dartmouth, west.....					236		
Matthew st., from Stackhouse to Bank.....					245		
Middle st., from Newton to 4 ft. W. of Newton.....						20	
Milford st., from 495 ft. N. of Irvington, north.....						82	
Mill st., from 105 ft. E. of Park to Chancery.....						175	
Mill st., from Liberty to 164 ft. E. of Lindsey.....					449		
Mill st., from Lindsey to Florence.....					448		
Mt. Vernon st., from 397 ft. E. of Shawmut ave. to DeWolf					88		
North st., from 258 ft. W. of Newton to 69 ft. E. of Florence						921	
Oaklawn st., from Brock ave., west.....						202	
Palmer st., from 232 ft. S. of Elm to Court.....						233	
Pleasant st., from Spring to Union.....					253		
Plymouth st., from 12 ft. W. of Brownell to Palmer..						300	
Potomska Mill lane, from Water to Front (transferred from service)					206		
Purchase st., from Rivet to 12 ft. N. of Rivet.....					38		
Query st., from Church, east.....						275	
River rd., from 525 ft. N. of Sylvia to Tarklin Hill rd..					1182		

TABLE B—CONTINUED.

	30"	24"	20"	10"	8"	6"	4"
Rivet st., from 13 ft. E. of Second (north) to 12 ft. W. of E. line Second (north)	25						
Rivet st., from 12 ft. W. of E. line Second (north) to 6 ft. W. of Second (north)			34				
Rivet st., from 6 ft. W. of Second (north) to 2 ft. W. of County (south)	669						
Rivet st., from 24 ft. E. of Crapo to 151 ft. E. of Orchard (north)	377						
Rivet st., from 30" 1/32 curve with 10" branch at Orchard to Bolton (on 16 ft. pipe line)				492			
Rounds st., from Elm to Court					481		
Ryan st., from 13 ft. W. of Brownell, west					379	114	
School st., from Seventh to County						182	
Scott st., from 595 ft. W. of County to 296 ft. E. of Crapo							
Second st., cross-over connection 4 ft. N. of Rivet, from 8" main W. side to 8" main E. side Second					15		
Second st. (main E. side of sewer), from 4 ft. N. of Rivet to Griffin					2479		
Second st. (main W. side of sewer), from 3 ft. N. of S. line South to 164 ft. N. of South	201						
Seventh st., from Spring to 7 ft. S. of Union					232	5	
Seventh st., from 7 ft. S. of Union to 2 ft. S. of Union							
Shaw st., from 237 ft. W. of Acushnet ave. to 559 ft. E. of Bowditch						830	
Shaw st., from 12 ft. W. of Bowditch to 62 ft. W. of Brook							721
South st., from Second (30" main W. side of sewer) to 6 ft. E. of Second		34					

TABLE B—CONTINUED.

	30"	24"	20"	10"	8"	6"	4"
South st., from 6 ft. E. of Second to 18 ft. E. of Second	12						206
Sowle st., from 178 ft. S. of Wood, south					757		
Spring st., from Purchase to Seventh						237	
Stowell st., from Field to 211 ft. W. of Field (south)					30		330
Sylvester st., from Chancery to Caroline							
Tarkiln Hill rd., from River rd. to 25 ft. E. of Mill rd.							
Topham st., from 648 ft. E. of Shawmut ave. to High-							
land						387	
Vernon st., from Wood, south						428	
Whitman st., from Acushnet ave. to 150 ft. E. of							
Bowditch						431	
Whitman st., from 12 ft. W. of Bowditch, west						312	
Willow st., from 345 ft. W. of Shawmut ave., west						96	
Wood st., from 14 ft. W. of Waldo (south) to 1 ft.							
E. of W. line Moynan (south)						462	
Totals	1284	34	43	941	12209	16583	1312

TABLE B—CONTINUED.

LOCATION AND SIZE OF CAST IRON MAIN PIPE REMOVED IN 1913

Streets.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Acushnet ave., from 3 ft. S. of Rivet to Rivet.....						17
Bonney st., from 10" main (removed) at Rivet to 4 ft. N. of Rivet.....					30	
Chancery st., from Hawthorn to Court.....						1662
Chancery st., from Kempton to Hillman.....						706
Coffin st., from 13 ft. W. of E. line Water, east.....						208
Cottage st., from Bedford, north.....						169
County st., at Rivet, from 30" main, north.....						
Crapo st., from 10" main (removed) at Rivet to 4 ft. N. of Rivet.....	9					
Eight st., from Union to Elm.....					30	740
Grinnell st., from 11 ft. W. of E. line (8" main E. side) Second, west.....		13				
Hall st., from 10" main (removed) at Rivet to 10 ft. S. of N. line Rivet.....						16
Hawthorn st., from County to Orchard.....						560
Howland st., from 7 ft. E. of Second to 14 ft. E. of W. line Second.....						33
Howland st., from 4 ft. E. of to 6 ft. W. of W. line Second.....						10
Hyacinth st., from 10" main (removed) at Rivet to 10 ft. S. of N. line Rivet.....						16
Mill st., from Florence, east.....					96	
Pleasant st., from Spring to 13.7 ft. S. of N. line Spring					12	
Pleasant st., from 13.7 ft. S. of N. line Spring to 20 ft. S of Union st. main.....						220
Pleasant st., from 20 ft. S. of Union st. main to Union st. main.....					20	

TABLE B—CONTINUED.

	16"	12"	10"	8"	6"	4"
Potomska st., from 12 ft. W. of E. line to 14 ft. E. of W. line Second.....				14		
Purchase st., from Rivet to 12 ft. N. of Rivet.....				709		38
Rivet st., from 13 ft. E. of Second (north) to County.			1290			
Rivet st., from County to Orchard (north).....			526			
Rivet st., from 30" 1/32 curve with 10" branch at Orchard to Bolton (on 24 ft. pipe line).....						
Rounds st., from Elm, south.....						86
School st., from Seventh to County.....						371
Second st. (main W. side of sewer), from 3 ft. N. of S. line South to 164 ft. N. of South.....				201 40		197
South st., from 18 ft. E. of Second, west.....					59	
Spring st., from Purchase to 15 ft. E. of Pleasant....						
Spring st., from 15 ft. E. of Pleasant to 4 ft. W. of Pleasant.....						501
Spring st., from 4 ft. W. of Pleasant to Seventh.....						
Totals.....	9	13	1816	964	247	5550

TABLE B—CONCLUDED.

SUMMARY.

	Steel	Cast Iron											
	48 in.	48 in.	36 in.	30 in.	24 in.	20 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.	
Previous to 1913..	42463	104	61820	27720	9752	11267	48497	50962	64668	150770	268502	75805	
Laid in 1913				1284	34	43			941	12209	16583	1312	
Total laid	42463	104	61820	29004	9786	11310	48497	50962	65609	162979	285085	77117	
Removed in 1913							9	13	1816	964	247	5550	
Total now in use	42463	104	61820	29004	9786	11310	48488	50949	63793	162015	284838	71567	

Total length laid in 1913,

Total length removed in 1913,

Total length of pipe in use December 1st, 1913,

32,406 feet or 6.1375 miles

8,599 feet or 1.6286 miles

836,137 feet or 158.35928 miles

TABLE C.

LOCATION AND SIZE OF SMALL SIZED DISTRIBUTION
PIPE REMOVED IN 1913.

Streets.	$\frac{3}{4}$ in. lead
Front st., from Potomska, south.....	55
Totals.....	55

In use previous to 1913..... 4,868 feet

Removed in 1913..... 55 feet

Total in use Dec. 1, 1913... 4,813 feet or 0.91155 miles

TABLE D.

LOCATION AND SIZE OF STOP GATES SET IN 1913.

Streets.	30 in	24 in	12 in	10 in	8 in	6 in	4 in
Acorn st., south side Durfee.....							1
Acushnet ave., south side Rivet.....						1	
Acushnet ave., south side Grinnell.....						1	
Adams st., west side Mt. Pleasant.....					1		
Adams st., east side Highland.....					1		
Armour st., north side Arnold.....						1	
Arnold st., west side Rotch.....					1		
Bank st., south side Matthew.....						1	
Bolton st., S. of Kane 48 ft.....				1			
Bonney st., south side Rivet (west main)....					1		
Bonney st., south side Rivet (east main)....						1	
Bonney st., north side Rivet (west main)....					1		
Brownell st., north side Arnold.....						1	
Calumet st., west side Brock ave.....						1	
Central ave., east side Acushnet ave.....					1		
Central ave., west side Acushnet ave.....						1	
Chaffee st., west side Acushnet ave.....							1
Chancery st., north side Hawthorn.....						1	
Chancery st., south side Arnold.....						1	
Chancery st., north side Arnold.....						1	
Chancery st., south side Union.....						1	
Chancery st., south side Court.....						1	
Chancery st., north side Kempton.....						1	
Chancery st., south side Hillman.....						1	
Church st., south side Query.....					1		
Coffin st., E. of Water 266 ft.....						1	
Coffin st., at hyd., N. side, E. of Water 251 ft.						1	
Coffin st., at hyd., N. side, E. of Water 195 ft.						1	
Coffin st., east side Water.....						1	
Crapo st., south side Rivet (west main).....					1		
Crapo st., north side Rivet (west main).....					1		
DeWolf st., north side Mt. Vernon.....						1	
Dover st., east side Acushnet ave.....							1
Eighth st., north side Union.....					1		
Eighth st., at hyd., N.W. cor. Union.....						1	
Eighth st., north side William.....					1		
Eighth st., south side Elm.....					1		
Elm st., east side Park.....						1	
Front st., south side Potomska.....					1		
Front st., north side Potomska Mill lane.....					1		
Front st., south side Potomska Mill lane.....					1		
Front st., north side Rivet.....					1		
Glennon st., west side Brook.....						1	
Grand st., east side Oakland.....						1	
Grinnell st., west side Second.....			1				
Hawthorn st., west side County.....					1		

TABLE D—CONTINUED.

	30	24	12	10	8	6	4
	in	in	in	in	in	in	in
Highland st., south side Mt. Vernon.....							1
Hillman st., west side Liberty.....		1					
Howland st., east side Second.....			1				
Howland st., west side Second.....			1				
Hudson st., west side Brock ave.....					1		
Jenney st., south side Hillman.....					1		
Mechanics lane, east side Eighth.....							1
Middle st., west side Newton.....					1		
Mill st., west side Tremont.....			1				
Mill st., east side Florence.....			1				
North st., west side Tremont.....					1		
Oaklawn st., west side Brock ave.....					1		
Orchard st., north side Hawthorn.....			1				
Palmer st., north side Court.....					1		
Pleasant st., north side Spring.....			1				
Pleasant st., south side Union.....			1				
Potomska Mill lane, west side Front.....			1				
Potomska Mill lane, east side Water (transferred from Private Gate list).....			1				
Potomska st., east side Second.....			1				
Potomska st., west side Second.....							1
Purchase st., north side Rivet.....			1				
Purchase st., north side Grinnell.....			1				
Query st., east side Church.....					1		
River rd., N. of Sylvia 594 ft.....			1				
River rd., south side Tarkiln Hill rd.....			1				
Rivet st., east side Acushnet ave.....	1						
Rivet st., east side County.....	1						
Rivet st., east side Crapo.....	1						
Rivet st., west side Crapo.....	1						
Rivet side, west side Orchard.....			1				
Rivet st., east side Bolton.....			1				
Rounds st., north side Court.....					1		
School st., east side County.....					1		
Second st., north side Rivet (east main)....					1		
Second st., south side Potomska (west main) .					1		
Second st., north side Potomska (east main) .					1		
Second st., south side South (east main)....					1		
Second st., north side South (east main)....					1		
Second st., north side South (west main)....	1						
Second st., south side Grinnell (east main)..					1		
Second st., north side Grinnell (east main)..					1		
Second st., south side Howland (east main)..					1		
Second st., south side Griffin (east main)..					1		
Shaw st., east side Brook.....							1
South st., east side Second.....		1					
South st., west side Second.....					1		
Spring st., west side Purchase.....					1		
Spring st., east side Sixth.....					1		
Spring st., west side Sixth.....					1		

TABLE D—CONTINUED.

	30	24	12	10	8	6	4
	in	in	in	in	in	in	in
Stowell st., west side Field.....						1	
Sylvester st., east side Caroline.....							1
Topham st., west side Highland.....						1	
Union st., W. of Purchase (south) 26 ft.....				1			
Union st., east side Pleasant.....				1			
Union st., west side Pleasant.....				1			
Vernon st., south side Wood.....						1	
West French ave., S. of Warren 72 ft.....				1			
Whitman st., west side Acushnet ave.....						1	
Wing st., west side Pleasant.....					1		
Totals.....	5	1	1	8	47	37	6

TABLE D—CONCLUDED.

LOCATION AND SIZE OF STOP GATES REMOVED IN 1913.

Streets.	10 in	8 in	6 in	4 in
Acushnet ave., south side Rivet.....				1
Bonney st., north side Rivet.....			1	
Chancery st., north side Hawthorn.....				1
Chancery st., south side Arnold.....				1
Chancery st., north side Arnold.....				1
Chancery st., south side Union.....				1
Chancery st., south side Court.....				1
Chancery st., north side Kempton.....				1
Chancery st., south side Hillman.....				1
Coffin st., east side Water.....				1
Crapo st., north side Rivet.....			1	
Eighth st., north side Union.....				1
Eighth st., north side William.....				1
Hawthorn st., west side County.....				1
Newton st., at hyd. W. side, N. of Elm 186 ft.			1	
Pleasant st., south side Union.....			1	
Purchase st., north side Rivet.....				1
Rivet st., east side County.....		1		
Rivet st., west side County.....	1			
Rivet st., east side Bonney.....	1			
Rivet st., west side Orchard.....	1			
Rivet st., east side Bolton.....	1			
School st., east side County.....				1
Spring st., west side Purchase.....				1
Spring st., east side Sixth.....				1
Spring st., west side Sixth.....				1
Totals.....	4	1	4	17

Number of stop gates set in 1913..... 105
Number removed..... 26

Number to be added..... 79
Number in use December 1st, 1912.....1981

Number in use December 1st, 1913.....2060

TABLE E.

LOCATION AND SIZE OF WASTE GATES SET IN 1913.

Streets.	4 in.
Adams st., E. from W. line Mt. Pleasant 6 ft.....	1
County st., N. of Rivet 3 ft.....	1
Rivet st., at Acushnet ave.....	1
Totals	3

LOCATION AND SIZE OF WASTE GATES REMOVED IN 1913.

Streets.	4 in.
Rivet st., at County.....	1
Second st., at Potomska.....	1
Water st., at Coffin.....	1
Totals	3

Number of waste gates set in 1913.....	3
Number removed.....	3

Number to be added.....	0
Number in use December 1st, 1912.....	159

Number in use December 1st, 1913.....	159
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TABLE F.

LOCATION AND SIZE OF PRIVATE STOP GATES SET IN 1913.

Streets.	8 in	6 in	4 in	3 in	2 in
Bolton st., at Perfection Laundry, S. of Kane, 43 ft.....				1	
Coffin st., at N. B. Gas & Edison Lt. Co., E. of Water, 447 ft.....		1			
Dover st., at N. E. Tel. & Tel. Co., W. of Second, 27 ft.....			1		
Front st., at Potomska Mills, N. from S. line Potomska Mill lane 29 ft..... (Laid in 1896 on mill property in contemplated Front st., now put in Private Stop Gate list).	1				
Moreland Terrace, at Thomas M. Stetson's E. of Page 312 ft.....					1
Orchard st., at schoolhouse, S. of Katherineine 96 ft.....			1		
Spring st., at Bristol County Courthouse, E. of Sixth 73 ft.....				1	
Union st., at Clara M. Rotch's, W. of County, 142 ft.....					1
Union st., at H. S. Hutchinson's, W. of Pleasant (south), 79 ft.....			1		
West French ave., at Kilburn Mill, No. 1, S. of Warren, 66 ft.....			1		
Wing st., at Morse Twist Drill & Mach. Co., W. of Pleasant, 87 ft.....	1				
Totals	2	1	4	2	2

TABLE F—CONCLUDED.

LOCATION AND SIZE OF PRIVATE STOP GATES REMOVED IN
1913.

Streets.	8 in	4 in	3 in
Bullard st., at St. Anthony's Church, W. of Acush- net ave., 93 ft.....			1
Eighth st., at Unitarian Church, N. of Union, 123 ft.		1	
Orchard st., at Sarah M. B. Potter's, S. of Madi- son, 40 ft.....			1
Pleasant st., at Bates, Kirby & Co.'s, S. of William, 96 ft.....			1
(Omitted from 1894 report).			
School st., at Grace Church, E. of County, 118 ft..			1
Union st., at Clara M. Rotch's, W. of County, 141 ft.....		1	
Water st., at Potomska Mills, N. of Rivet, 245 ft.. (Transferred to Public Gate list, Potomska Mill lane, E. side Water st.).	1		
West French ave., at Kilburn Mill No. 1, N. of Warren, 30 ft.....		1	
Totals	1	3	4

Number set during 1913.....	11
Number removed.....	8
To be added.....	3
Number in use December 1st, 1912.....	312
Number in use December 1st, 1913.....	315

TABLE G.

LOCATION AND SIZE OF AIR TAPS SET IN 1913.

Streets.	$\frac{3}{4}$ in	$\frac{5}{8}$ in
Rivet st., W. of Second (north), 0.5 ft.....	1	
Rivet st., in east side 30" gate box, W. from E. line County, 10 ft.....	1	
Rivet st., in west side 30" gate box, W. from E. line County, 10 ft.....	1	
Rivet st., in east side 30" gate box, E. of Crapo, 5 ft.	1	
Rivet st., in west side 30" gate box, E. of Crapo, 5 ft.	1	
Rivet st., in east side 30" gate box, W. of Crapo, 12 ft.	1	
Rivet st., in west side 30" gate box, W. of Crapo, 12 ft.	1	
Rivet st., W. from E. line Bonney 25 ft.....	1	
Second st., east side, N. of Rivet 10 ft.....		1
Second st., in north side 30" gate box, N. of South 9 ft.	1	
South st., in east side 24" gate box, E. of Second 2 ft.		1
South st., W. from E. line Second 19 ft.....		1
Totals	9	3

Number in use December 1st, 1912..... 144

Number set during 1913..... 12

Number in use December 1st, 1913..... 156

TABLE H.

LOCATION OF HYDRANTS SET IN 1913.

Acorn st., west side, 301 ft. S. of Durfee.
Acushnet ave., S. W. cor. Grinnell.
Acushnet ave., west side, 23 ft. S. of Wing.
Adams st., S. E. cor. Highland.
Allen st., south side, 90 ft. W. of Rockdale ave. (south).
Armour st., west side, 159 ft. N. of Arnold.
Arnold st., S. W. cor. Brownell.
Aquidneck st., south side, 444 ft. E. of Brock ave.
Bank st., west side, 225 ft. S. of Matthew.
Beech st., west side, 297 ft. N. of Maxfield.
Bonney st., S. W. cor. Rivet.
Brownell st., west side, 117 ft. S. of Maple.
Brownell st., west side, 294 ft. S. of Union.
Brownell st., S. W. cor. Court.
Calumet st., S. W. cor. Brock ave.
Calumet st., south side, 526 ft. E. of West French ave. (north).
Calumet st., S. E. cor. West French ave.
Caroline st., west side, 161 ft. S. of Sylvester.
Central ave., south side, 412 ft. E. of Acushnet ave.
Central ave., S. E. cor. Acushnet ave.
Chaffee st., south side, 443 ft. W. of Acushnet ave.
Chancery st., S. W. cor. Maple.
Chancery st., S. W. cor. Arnold.
Chancery st., west side, 294 ft. N. of Arnold.
Chancery st., S. W. cor. Kempton.
Chancery st., west side, 295 ft. N. of Tilton.
Church st., S. W. cor. Query.
Clinton st., south side, 176 ft. W. of Rotch.
Coffin st., north side, 251 ft. E. of Water.
Coffin st., north side, 195 ft. E. of Water.
Cottage st., N. W. cor. Bedford.
Crapo st., S. W. cor. Rivet.
DeWolf st., west side, 150 ft. N. of Mt. Vernon.
Eighth st., N. W. cor. Union.
Fairmount st., south side, 413 ft. W. of Rockdale ave.
Fern st., west side, 243 ft. S. of Butler.
Frederick st., south side, 558 ft. W. of East French ave.
Front st., S. W. cor. Potomska Mill lane.
Front st., N. W. cor. Potomska Mill lane.

Front st., S. W. cor. Potomska.
Grand st., south side, 479 ft. W. of Shawmut ave.
Grand st., south side, 113 ft. W. of Oakland.
Glennon st., south side, 133 ft. W. of Brook.
Grinnell st., south side, 107 ft. E. of Crapo.
Hawthorn st., south side, 236 ft. E. of Orchard.
Hillman st., S. W. cor. Tremont.
Hudson st., S. W. cor Brock ave.
Hudson st., south side, 755 ft. W. of Brock ave.
James st., west side, 250 ft. N. of Court.
James st., S. W. cor. Kempton.
Kempton st., S. W. cor. Emerson.
Lucas st., S. W. cor. Brock ave.
Lucas st., south side, 765 ft. W. of Brock ave.
Maple st., south side, 49 ft. W. of Brownell (north).
Matthew st., south side, 248 ft. W. of Dartmouth.
Middle st., S. W. cor. Newton.
Milford st., west side, 576 ft. N. of Irvington.
Mill st., S. E. cor. Cook.
Mill st., S. W. cor. Tremont.
Mill st., S. W. cor. Lindsey.
Mt. Vernon st., S. W. cor. DeWolf.
North st., S. W. cor. Liberty.
North st., S. W. cor. Tremont.
Oaklawn st., S. W. cor. Brock ave.
Oaklawn st., south side, 183 ft. W. of Brock ave.
Palmer st., west side, 194 ft. N. of Court.
Pleasant st., S. W. cor. Union.
Purchase st., N. W. cor. Rivet.
Purchase st., west side, 150 ft. N. of Grinnell.
Query st., south side, 62 ft. E. of Edison.
River rd., west side, 406 ft. N. of Sylvia.
River rd., west side, 864 ft. N. of Sylvia.
River rd., west side, 374 ft. S. of Tarkiln Hill rd.
Rounds st., west side, 215 ft. N. of Court.
Ryan st., south side, 126 ft. W. of Brownell.
School st., S. W. cor. Purchase.
School st., S. W. cor. Seventh.
Second st., S. E. cor. Grinnell.
Second st., S. E. cor. Howland.
Second st., S. E. cor Griffin.
Seventh st., S. W. cor. Union.

Shaw st., south side, 363 ft. W. of Acushnet ave.
Shaw st., south side, 772 ft. W. of Acushnet ave.
Shaw st., S. W. cor. Bowditch.
Shaw st., south side, 450 ft. W. of Bowditch.
Shaw st., south side, 61 ft. W. of Brook.
Sowle st., west side, 383 ft. S. of Wood.
Spring st., S. W. cor. Sixth.
Stowell st., south side, 211 ft. W. of Field (south).
Sycamore st., S. W. cor. Cedar.
Topham st., south side, 298 ft. W. of Highland.
Topham st., south side, 331 ft. E. of Shawmut ave.
Vernon st., west side, 409 ft. S. of Wood.
Walnut st., S. W. cor. Second.
Whitman st., S. W. cor. Acushnet ave.
Whitman st., S. W. cor. Bowditch.
Whitman st., south side, 323 ft. W. of Bowditch.
Willow st., south side, 440 ft. W. of Shawmut ave.
Wood st., S. W. cor. Moynan.

HYDRANTS REMOVED IN 1913.

Acushnet ave., west side, 22 ft. S. of Wing.	Flush.
Aquidneck st., south side, 105 ft. E. of Brock ave.	Post.
Arnold st., S. W. cor. Chancery.	Flush.
Arnold st., south side, 115 ft. E. of Brownell.	Post.
Beech st., west side, 152 ft. N. of Maxfield.	Post.
Brownell st., west side, 387 ft. S. of Union.	Post.
Cedar st., N. W. cor. Sycamore.	Flush.
Central ave., south side, 172 ft. W. of Conduit.	Post.
Chancery st., S. W. cor. Maple.	Post.
Church st., west side, 300 ft. N. of Belleville rd.	Post.
Clinton st., south side, 114 ft. W. of Rotch.	Post.
Coffin st., north side, 263 ft. E. of Water.	Post.
Cottage st., N. W. cor. Bedford.	Flush.
Fairmount st., south side, 250 ft. W. of Rockdale ave.	Post.
Fern st., west side, 147 ft. S. of Butler.	Post.
Frederick st., south side, 510 ft. W. of East French ave.	Post.
Grand st., south side, 750 ft. W. of Shawmut ave.	Post.
Grinnell st., south side, 76 ft. W. of Acushnet ave.	Flush.
Grinnell st., south side, 103 ft. E. of Crapo.	Flush.
Hillman st., south side, 158 ft. E. of Lindsey.	Post.
Howland st., N. E. cor. Second.	Flush.
Kempton st., S. W. cor. Emerson.	Flush.
Lucas st., south side, 640 ft. W. of Brock ave.	Post.
Maple st., south side, 177 ft. W. of Rotch (south).	Post.
Milford st., west side, 494 ft. N. of Irvington.	Post.
Mill st., south side, 104 ft. E. of Park.	Post.
Mill st., south side, 163 ft. E. of Lindsey.	Post.
Mt. Vernon st., south side, 396 ft. E. of Shawmut ave.	Post.
Newton st., west side, 186 ft. N. of Elm.	Post.
North st., south side, 55 ft. W. of Liberty.	Post.
Palmer st., west side, 232 ft. S. of Elm.	Post.
Pleasant st., S. W. cor. Union.	Post.
Purchase st., west side, 106 ft. N. of School.	Flush.
River rd., west side, 524 ft. N. of Sylvia.	Post.
Rivet st., S. W. cor. Bonney.	Post.
Scott st., south side, 295 ft. E. of Crapo.	Post.
Second st., west side, 61 ft. N. of Grinnell.	Flush.
Seventh st., S. W. cor. Union.	Post.
Sowle st., west side, 178 ft. S. of Wood.	Post.
Topham st., south side, 647 ft. E. of Shawmut ave.	Post.
Walnut st., S. W. cor. Second.	Flush.
Willow st., south side, 346 ft. W. of Shawmut ave.	Post.

WATER REPORT

Number set during 1913.....	99
Number removed during 1913.....	42
<hr/>	
Number to be added.....	57
Number in use December 1st, 1912.....	1200
<hr/>	
Number in use December 1st, 1913.....	1257

TABLE I.

STATEMENT OF WORK DONE BY THE SERVICE DEPARTMENT
FOR THE YEAR ENDING DECEMBER 1, 1913.

Kind and Size	Number of Services	Length on Taker	Length on City
Lead pipe, 1 inch light....	8	268.0	175.0
Lead pipe, 1 inch heavy ...	2	55.0	18.0
Lead pipe, $\frac{3}{4}$ inch light...	99	1566.5	2216.5
Lead pipe, $\frac{3}{4}$ inch heavy...	5	192.5	140.0
Lead pipe, $\frac{5}{8}$ inch light....	159	2359.0	3801.0
Lead pipe, $\frac{5}{8}$ inch heavy...	174	3058.0	4395.5
Lead pipe, $\frac{1}{2}$ inch heavy...	9	229.5	288.0
Cast iron pipe, 8 inch.....	1	15.5	
Cast iron pipe, 6 inch.....	1	20.0	
Cast iron pipe, 4 inch.....	4	383.5	
Cast iron pipe, 3 inch.....	2	112.0	
Cast iron pipe, 2 inch.....	1	294.0	
Galvanized pipe, 1½ inch..	1	585.0	
Totals	466	9138.5	11034.0

One 4 inch cast iron service has been removed and replaced with 2 inch cast iron.

One 4 inch cast iron service has been removed and replaced with 1 inch light lead.

Three $\frac{3}{4}$ inch iron services have been removed and replaced with $\frac{3}{4}$ inch light lead.

One $\frac{3}{4}$ inch tin lined service has been removed and replaced with $\frac{3}{4}$ inch light lead.

One $\frac{5}{8}$ inch iron service has been removed and replaced with $\frac{3}{4}$ inch light lead.

Three $\frac{5}{8}$ inch light lead services have been removed and replaced with $\frac{3}{4}$ inch light lead.

One $\frac{5}{8}$ inch heavy lead service has been removed and replaced with 1 inch heavy lead.

One $\frac{5}{8}$ inch heavy lead service has been removed and replaced with $\frac{5}{8}$ inch heavy lead.

One $\frac{1}{2}$ inch heavy lead service has been removed and replaced with $\frac{3}{4}$ inch heavy lead.

One $\frac{1}{2}$ inch light lead service has been removed and replaced with $\frac{5}{8}$ inch heavy lead.

Twelve connections to services previously laid have been made by the owners.

Nine connections to services previously laid have been made by the city using 273 feet $\frac{5}{8}$ inch light lead, 54 feet $\frac{3}{4}$ inch light lead, 11 feet 1 inch heavy lead, 32 feet $\frac{5}{8}$ inch heavy lead, 27 feet $\frac{3}{4}$ inch galvanized, 279 feet 1 inch galvanized, 7 feet 2 inch galvanized, 102 feet $1\frac{1}{2}$ inch galvanized, $1\frac{1}{2}$ feet $\frac{1}{2}$ inch brass, and 2 feet 1 inch brass pipe.

Thirty-nine extensions to services previously laid have been made by the City using 19 feet 1 inch light lead, 41 feet 1 inch heavy lead, 30 feet $\frac{3}{4}$ inch light lead, 253 feet $\frac{3}{4}$ inch heavy lead, 29 feet $\frac{5}{8}$ inch light lead, 71 feet $\frac{5}{8}$ inch heavy lead, $167\frac{1}{2}$ feet $\frac{1}{2}$ inch heavy lead, 3 feet 2 inch galvanized iron, 396 feet 2 inch cast iron, 20 feet 4 inch cast iron, and 16 feet 6 inch cast iron pipe.

Seven connections to services previously laid by the owners have been discontinued.

Three connections to services previously laid by the City have been discontinued.

One 4 inch cast iron, four 3 inch cast iron, one $1\frac{1}{2}$ inch heavy lead, one 1 inch light lead, one $\frac{3}{4}$ inch tin lined, two $\frac{3}{4}$ inch iron, four $\frac{3}{4}$ inch light lead, one $\frac{5}{8}$ inch iron, nineteen $\frac{5}{8}$ inch light lead, eight $\frac{5}{8}$ inch heavy lead, one $\frac{1}{2}$ inch light lead, and eleven $\frac{1}{2}$ inch heavy lead services have been removed.

Length of service pipe laid during the year, 22,006 feet.

Number of services laid in 1913.....	466
Number removed.....	54
	<hr/>
Number to be added.....	412
Number in use December 1, 1912.....	13,643
	<hr/>
Number in use December 1, 1913.....	14,055

SUMMARY OF STATISTICS

FOR THE YEAR ENDING 1913.

IN FORM RECOMMENDED BY THE NEW ENGLAND
WATER WORKS ASSOCIATION.

NEW BEDFORD WATER WORKS.

NEW BEDFORD,
BRISTOL COUNTY, MASS.

GENERAL STATISTICS.

Population by census of 1910, 96,652.

Date of construction 1866 to 1869, inclusive. Further supply
1895 to 1901, inclusive.

By whom owned, City of New Bedford.

Source of supply.—Water was first introduced on Nov. 26, 1869,

From that date until July 10, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet River, seven miles north of the centre of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the centre of the City.

Mode of supply.—Previous to July 10, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40' + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, 5 6-10 miles long to a receiving reservoir (capacity 3 million gallons; grade 30') located opposite the Purchase Street Pumping Station. Thence it was pumped into the Mt. Pleasant Distributing Reservoir (capacity 15 million gallons; grade 154') located 1,879 feet distant, from whence it flowed by gravity into the City's distributing system.

Since July 10, 1899, the entire supply has been pumped from Little Quittacas Pond (grade 52' through a 48-inch steel force main $8\frac{1}{4}$ miles long) to a distributing reservoir (capacity 67 millions gallons; grade 216') located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the City's distributing system by gravitation through two 36-inch cast iron pipes averaging 4 1-17 miles in length.

The first named system is not now in use; but is held in reserve to meet any emergency which might occur.

PUMPING STATISTICS.

1. Builders of Pumping Machinery.

Purchase Street Station:

a. McAlpine engine,

built by Quintard Iron Works, Cap. 5,000,000 gals. per 24 hrs.

b. Duplex engine,

built by Henry R. Worthington, Cap. 3,000,000 gals. per 24 hrs.

c. High duty engine,

built by Henry R. Worthington, Cap. 5,000,000 gals, per 24 hrs.

Little Quittacas Station:

a. b. Leavitt engines in duplicate, Capacity of the two engines

built by Dickson Mfg. Co. 20,000,000 gallons per 24 hrs.

2. Description of fuel used.

a. Kind—bituminous.

b. Brand of coal—Pocahontas.

c. Price of coal per gross ton—delivered Little Quittacas Station, \$4.82.

d. Percentage of ash—7.

e. Wood, price per cord—none used.

LITTLE QUITTACAS STATION—Engine B

3. Coal consumed for the year—3,285,200 lbs.

4. [Pounds of wood consumed] \div 3 = equivalent amount of coal—none used.5. Total equivalent coal consumed for the year = (3) + (4).
3, 285,200 lbs.

6. Total pumpage for the year—2,831,346,930 gallons with allowance for slip.

7. Average static head against which pumps work—169.19 feet.

8. Average dynamic head against which pumps work—186 feet.

9a. Number of gallons pumped per pound of equivalent coal (5)—862.

9b. Number of gallons raised 100 feet per pound of equivalent coal (5)—1,603.

WATER REPORT

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10. Duty—gals. pumped $6 \times 8.34 \text{ lbs} \times 100 \times \text{dynamic head}$ $8 = 133,693,490$

Total fuel consumed (5)

Cost of pumping, figured on pumping station expenses, viz.:

\$22,070.71

11. Per million gallons pumped—\$7.80.

12. Per million gallons raised one foot (dynamic) 4 2-10 cents

Cost of pumping, figured on total maintenance and interest

on bonds, (see financial CC+DD) viz.: \$178,277.44

13. Per million gallons pumped—\$62.97

14. Per million gallons raised one foot (dynamic)—34 cents

FINANCIAL STATISTICS.

RECEIPTS.		EXPENDITURES.	
Balance brought forward: \$40,110.55		Water works maintenance:	
(a) From ordinary (maintenance) receipts,	21,724.68	AA. Operation (management and repairs),	\$101,837.44
(b) From extraordinary receipts (bonds, etc.)		CC. Total maintenance,	\$101,837.44
Total	61,835.23	DD. Interest on bonds,	76,440.00
From water rates:		(CC + DD)	178,277.44
A. Fixture rates, \$7,329.90		EE. Payments of bonds,	21,000.00
B. Meter rates, 269,267.40		FF. Sinking fund,	27,930.00
C. Total from consumers	276,597.30	Water works construction:	
D. For hydrants,		GG. Extension of mains,	51,547.20
E. For fountains,		HH. Extension of services,	10,960.20
F. For street watering,	911.59	II. Extension of meters,	26,261.66
G. For public buildings,		JJ. Special:	359.32
H. For miscellaneous uses,	590.48	KK. Total construction,	89,128.38
I. Gen'l appropriations,		L.L. Unclassified expenses:	
J. Total from municipal departments,		Water works funds diverted by orders of City Council,	38,483.43
K. From tax levy,		MM. Balance:	
L. From bond issue,		(aa) Ordinary,	
M. From other sources:		Total balance,	
For building purposes,	2,311.01		
For meter rentals,	7,939.64		
Total receipts from all sources	350,185.25	N. Total,	\$354,819.25
Deficit, Dec 1, 1913,	4,634.00		
N. Total	\$354,819.25		

Disposition of balance,

O. Net cost of works to date	- - - -	\$4,304,727.26
P. Bonded debt at date	- - - -	2,002,000.00
Q. Value of sinking fund at date	- - - -	726,835.19
R. Average rate of interest	- - - -	$3\frac{98}{100} +$ per cent.

STATISTICS OF CONSUMPTION OF WATER.

1.	Estimated total population at date.....	104,000
2.	Estimated population on lines of pipe.....	100,000
3.	Estimated population supplied.....	99,000
4.	Total consumption for the year..	2,832,828,204 gallons
5.	Passed through meters.....	2,224,415,767 gallons
6.	Percentage of consumption metered.....	78½ per cent.
7.	Average daily consumption.....	7,761,173 gallons
8.	Gallons per day to each inhabitant.....	75
9.	Gallons per day to each consumer.....	78
10.	Gallons per day to each tap.....	552
11.	Cost of supplying water, per million gallons figured on total maintenance (item (CC).....	\$35.95
12.	Total cost of supplying water, per million gallons figured on total maintenance + interest on bonds.....	\$62.93

STATISTICS RELATING TO DISTRIBUTING SYSTEM.

MAINS.		SERVICES.	
1.	Kind of pipe, cast iron and steel.	16.	Kind of pipe, lead, wrought iron and cast iron.
2.	Sizes, from 4 inch to 48 inch.	17.	Sizes, ½ inch to 10 inch.
3.	Extended 32,406 feet during the year.	18.	Extended 22,006 feet.
4.	Discontinued 8,599 feet during year.	19.	Discontinued 2,824 feet.
5.	Total now in use 158 $\frac{35928}{100000}$ miles.	20.	Total now in use 98.14.
6.	Cost of repairs per mile \$27.00.	21.	Number of service taps added during year 412.
7.	Number of leaks per mile, .1389.	22.	Number now in use 14,055.
8.	Length of pipes less than 4 inches diam., $\frac{91155}{100000}$ miles.	23.	Average length of service 36.9 feet.
9.	Number of hydrants added during year, (public and private), 56.	24.	Average cost of service for the year:
10.	Number of hydrants (public and private) now in use, 1,639.	a.	Gross, \$26.60.
11.	Number of stop gates added during year, 79.	b.	Net, \$13.24.
12.	Number of stop gates now in use, 2,060.	25.	Number of meters added, 2,342.
13.	Number of stop gates smaller than 4 inch, 112.	26.	Number now in use, 12,340.
14.	Number of blow offs, 159.	27.	Percentage of services metered, $87\frac{8}{10}$
15.	Range of pressure on mains, 25 lbs. to 95 lbs.	28.	Percentage of receipts from metered water (B ÷ C), $97\frac{3}{10}$

CITY ORDINANCES

PASSED BY THE CITY COUNCIL

OF THE

CITY OF NEW BEDFORD,

MASSACHUSETTS

FROM JUNE 28, 1913 TO JUNE 1, 1914



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, PRINTERS,
1914.

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirteen.

AN ORDINANCE REGULATING THE PASSAGE OF
VEHICLES IN THE STREETS.

Be it ordained by the City Council of the City of New Bedford as follows:

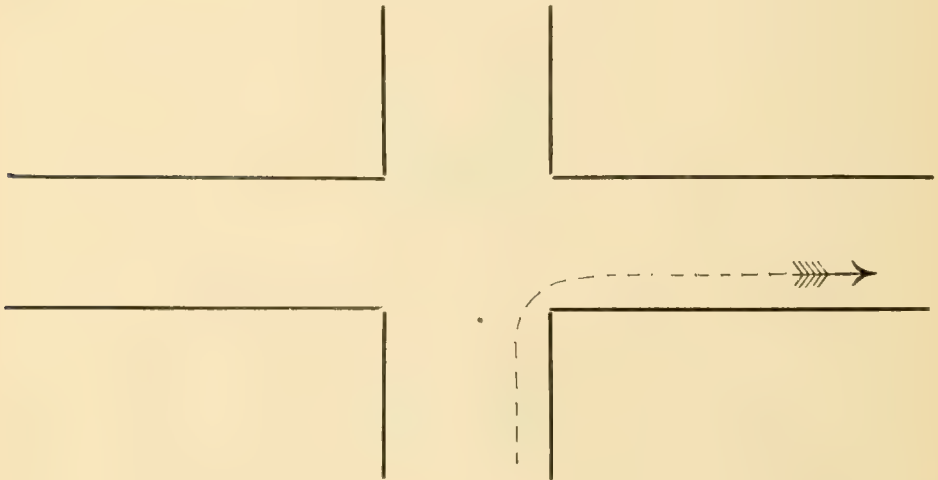
Section 1.

VEHICLES IN MOTION.

Every person shall so operate, drive, conduct and manage a vehicle in his charge in motion in the streets of the city that it shall

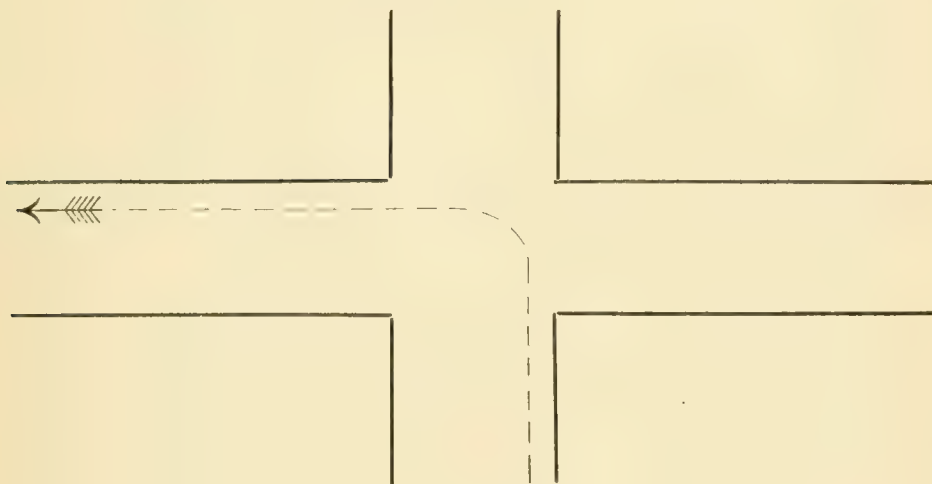
1. Except when passing a vehicle ahead, be kept to the right and as near the right curb as possible;
2. When meeting another vehicle be made to pass on the right;
3. When overtaking another vehicle, shall, in passing, be made to keep to the left, and shall not leave the line of the right unless there is a clear way to advance on the left;
4. In turning to the right into another street, it shall be kept as near to the right curb as possible,

THUS:

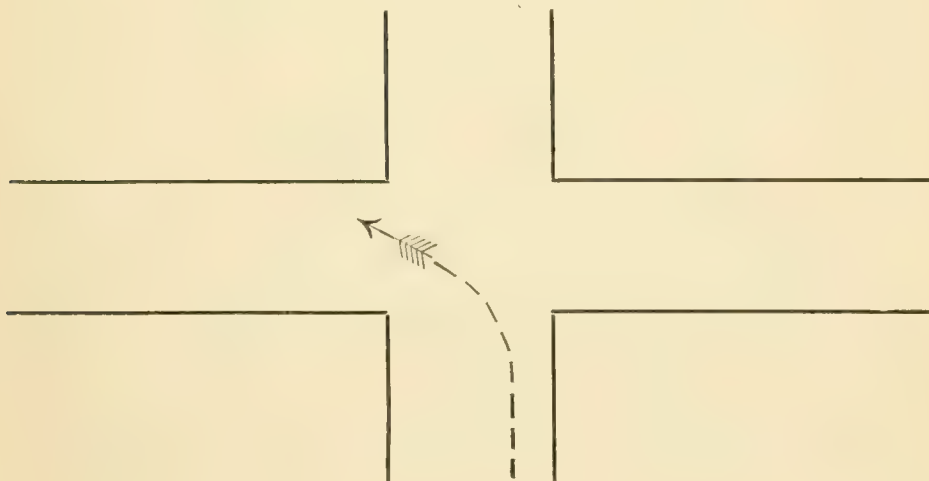


5. In turning to the left into another street, it shall be made to pass to the right of and beyond the centre of the intersecting street before turning.

THUS:

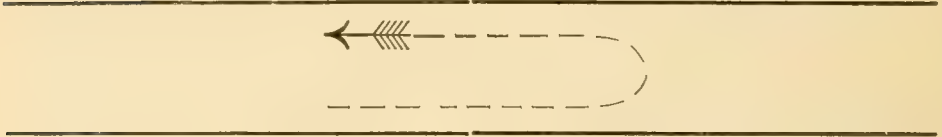


NOT THIS WAY:



6. In crossing from one side of the street to the other in restricted streets, it shall be turned to the left, and be headed in the general direction of traffic on that side of the street,

THUS:



NOT THIS WAY:



7. Slow-moving vehicles shall be kept as close as possible to the curb on the right, so as to allow faster moving vehicles free passage on the left.

8. No person having charge of a vehicle shall allow the same to come within ten feet of any vehicle in front of him when approaching and passing over a crossing, when a pedestrian is about to pass. This rule shall not apply where traffic is regulated by a police officer in uniform.

9. No person shall ride, drive, or cause to be driven any horse or vehicle over that part of any street which is being mended, repaired, or paved, or any part of such street if wholly closed to travel.

SIGNALS.

10. Every driver of a vehicle shall, in slowing up or stopping, give a signal to those behind by raising or holding to the right or left a whip or hand.

11. In turning while in motion, or in starting to turn from a standstill, a signal shall be given by the driver of the vehicle about to be turned by raising a whip or hand.

12. Ample warning shall be given by voice or uplifted hand before backing, and while backing, unceasing vigilance must be exercised by the driver.

13. At all times drivers of vehicles must stop the same on a signal from a police officer in uniform.

14. Drivers of motor vehicles of all kinds shall, in approaching a crossing or in rounding a corner or curve of a public street, sound signals, and in such a way as to give warning of their approach to other vehicles and to pedestrians; but in the thickly settled parts of the city, no bell, horn or other signalling device shall be sounded so as to make a harsh, objectionable or unreasonable noise, police and fire department signals excepted; and further, that no operator of a motor vehicle shall permit an unreasonable amount of smoke to escape from said vehicle, or permit said vehicle to make an unnecessary amount of noise, by cutting out the muffler or otherwise.

RIGHT OF WAY.

15. These rules shall not apply to the Fire Department, Fire Protective Department, Police, Ambulance, and United States Mail, and these vehicles shall have the right of way in any street and through any procession.

16. The driver of any vehicle proceeding on the track in front of a street car shall, as soon as possible, turn out of the same on a signal by the motorman or conductor of the car. No vehicle shall pass a street car while it is taking on or letting off passengers.

17. A vehicle waiting at the curb shall promptly give place to a vehicle about to take on or let off passengers.

SPEED OF VEHICLES.

18. On approaching a crossing of intersecting streets, also in traversing a crossing or an intersection of streets, and in going around a corner or curve in the highway, and within three hundred feet of a schoolhouse, a vehicle shall not be driven at a rate of speed other than what is reasonable and proper, having regard for the safety of the public, AND IN NO EVENT EXCEEDING EIGHT MILES AN HOUR.

STOPPING, STANDING AND TURNING.

19. No vehicle shall be stopped with its left side to the curb. This prohibition shall not apply to one-way streets.

20. No person shall permit his vehicle to remain backed up to the curb, except when actually loading or unloading.

21. No person shall stop a vehicle in any public street, except close to the curb unless in an emergency or to allow another vehicle or a pedestrian to cross its way.

22. No vehicle shall be stopped or allowed to stand within the intersection of any street, nor within ten feet of a street corner, nor any crosswalk, nor at a pole designated as a stopping place for street cars, except in case of emergency or when directed to do so by a police officer in uniform.

23. No person having charge of a vehicle shall place the same in any street so as to prevent or obstruct the passing of other vehicles or street cars.

24. No driver or person having charge of a vehicle in a street shall refuse or neglect to stop the same or place the same when and where, as directed by a police officer in uniform.

25. When a horse-drawn vehicle is backed up to the curb, the horse or horses shall be turned so as to stand, so far as the vehicle will permit, parallel with the sidewalk and headed in the general direction of travel on the side of the street on which the vehicle is standing.

26. No horse shall be left unattended in any street, unless he is securely fastened by being tied to a post or a weight or unless one or more of the wheels of the vehicle to which he is hitched is securely tied, fastened or chained, and the vehicle is of sufficient weight to prevent its being dragged at a dangerous speed with the wheel or wheels so secured.

27. No horse or vehicle shall be driven, backed, led, moved, trunbled or allowed to stand on any sidewalk, except for the purpose of crossing the same when necessary, and then only in the shortest way from the street to the abutting estate.

28. Any police officer in uniform, in his discretion may remove any horse, or horses, vehicle or vehicles left upon any street not in the apparent charge of any driver or other person, or in violation of any of these regulations, to another place on such street or from such street to another street, or to the City Yard, and there leave the same.

29. No person owning, possessing or having the care of any cart, coach, sleigh, carriage or motor vehicle of any

description shall store or permit the same to remain unemployed and out of use in any street or part of a highway, except temporarily in case of an emergency.

30. No person shall hitch any horse or any other animal to any tree or shrub, or to any public lamp-post, fire alarm or police signal post or box.

ONE-WAY STREETS.

31. Between the hours of 7 A. M. and 6 P. M., Sundays and legal holidays excepted, vehicles shall pass in but one direction, in the following named streets:

Purchase northerly, from Union street to Elm street.

William easterly, from Pleasant street to Acushnet avenue.

CARE IN DRIVING.

32. No person shall drive or conduct any vehicle in such manner or in such condition or so constructed or so loaded as to be likely to cause delay to other vehicles or accident or injury to man, beast or property.

33. No person shall so load a vehicle with iron or other material that may strike together without properly deadening it so that it will cause no unnecessary noise.

34. No person shall crack or so use a whip as to annoy, interfere with, or endanger any person, or excite any horse other than that which he is using.

PARADES.

35. No parade or procession shall occupy or march on any street to the exclusion or interruption of other persons in their individual right and use thereof, except police and fire departments, the organized militia, the organized naval forces, the independent chartered military organizations, the military and naval forces of the United States, associations wholly composed of soldiers, sailors or marines honorably discharged from the service of the United States, veterans of the National Guard or Naval Militia, the organizations of the order of the Sons of Veterans, and funerals, unless written permit therefor be given by the Chief of Police of the City, and said Chief of Police may designate the time in which said street or parts of streets may be so occupied and how much of the street or streets such procession or parade may occupy, and when so

designated the Chief Officer of such procession or parade shall be responsible that the designation is obeyed, and the Chief of Police shall furnish such police escort as may be necessary to protect persons and property and maintain the public peace and order.

DEFINITIONS.

36. The word "vehicle" herein shall include horses hitched to vehicles, horses ridden or led, motor vehicles of all kinds, bicycles, tricycles propelled by hand, and everything on wheels or runners except street cars and light carriages for the conveyance of children.

37. The word "horse" herein shall include all domestic animals.

38. The word "driver" herein shall include the rider or driver of a horse, the rider of wheels, and the operator of a motor vehicle.

PENALTY.

39. Any person who violates any of the provisions of the foregoing regulations shall be punished by a fine not exceeding twenty dollars for each offence.

Section 2.

40. All ordinances and parts of ordinances inconsistent herewith are hereby repealed.

In Board of Aldermen, Sept. 11, 1913. Passed to be ordained.

CHARLES S. ASHLEY, Mayor.

In Common Council, Sept. 11, 1913. Passed to be ordained.

RICHARD KNOWLES, President.

Approved, Sept. 12, 1913.

CHARLES S. ASHLEY, Mayor.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

[Copies of these Rules may be obtained at the office of the City Clerk, Chief of Police, or at any Police Station.]

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirteen.

AN ORDINANCE AMENDING AN ORDINANCE REGULATING THE PASSAGE OF VEHICLES IN THE STREETS.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Paragraph 24 of Section 1 of an ordinance regulating the passage of vehicles in the streets, approved by the Mayor, September 12th, A. D. 1913, is hereby amended by striking out said paragraph and inserting in the place thereof a new paragraph to read as follows:

24. No driver or person having charge of a vehicle in a street shall refuse or neglect to stop or start the same, or place it when and where a police officer in uniform shall direct; expressly including herein and designating as vehicles, cars operated upon the street railways.

In Board of Aldermen, Nov. 13, 1913. Passed to be ordained.

CHARLES S. ASHLEY, Mayor.

In Common Council, Nov. 13, 1913. Passed to be ordained.

RICHARD KNOWLES, President.

Presented to and Approved by the Mayor, Nov. 14, 1913.
A true copy, attest:

W. H. B. REMINGTON, City Clerk.

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Fourteen.

AN ORDINANCE RELATIVE TO PUBLIC LIBRARY AND

PUBLIC SCHOOL FUNDS.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. The Board of Trustees who have the management, direction and control of the investment of the "Kempton Fund, Gift of Sarah E. Potter," as established by an ordinance approved March 30, 1907, are hereby appointed a Board of Trustees to have the management, direction and control of the investment of the "Sylvia Ann Howland Library Fund," "Charles W. Morgan Library Fund," "George Howland, Jr., Library Fund," "James B. Congdon Library Fund," "Oliver Crocker Library Fund," "George O. Crocker Library Fund," "Charles L. Wood Library Fund," "Sylvia Ann Howland School Fund," and "Jonathan Bourne School Fund."

Section 2. It shall be the duty of the said Trustees to cause the several funds to be carefully invested in securities, except personal securities, in which funds of savings banks may by law be invested, the income thereof credited to its proper fund and pay the same into the city treasury.

They shall annually, in January, make a report to the Council setting forth in detail the state of each fund and the investment of the same. Said report shall be printed and bound in the City Documents.

Section 3. The City Treasurer shall be treasurer ex-officio of each of said funds, and his duty shall, so far as applicable, be the same in respect thereto as to the other financial affairs of the city. He shall keep distinct and separate accounts of the principal and income of said funds, shall properly credit the receipt of income and report the same to the City Auditor.

Section 4. The Trustees of the Free Public Library, subject to the city's method governing the expenditure of city funds, shall have authority to expend such income as may be received from the "Sylvia Ann Howland Library Fund," "Charles W. Morgan Library Fund," "George Howland, Jr., Library Fund," "James B. Congdon Library Fund," "Oliver Crocker Library Fund," "George O. Crocker Library Fund," "Charles L. Wood Library Fund," and the New Bedford School Committee, such income as may be received from the "Sylvia Ann Howland School Fund" and the "Jonathan Bourne School Fund," all expenditures therefrom to be for the purposes and in strict accordance with the conditions, restrictions and limitations specified in the several bequests.

In Board of Aldermen, Feb. 26, 1914. Passed to be ordained.

CHARLES S. ASHLEY, Mayor.

In Common Council, Feb. 26, 1914. Passed to be ordained.

HENRY E. WOODWARD, President.

Presented to and Approved by the Mayor, Feb. 27, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Fourteen.

AN ORDINANCE AMENDING AN ORDINANCE RELATIVE
TO PUBLIC LIBRARY AND PUBLIC SCHOOL FUNDS.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 1 of an ordinance of the City of New Bedford relative to public library and public school funds, approved by the Mayor, Feb. 27, 1914, is hereby amended by striking out the words "Sylvia Ann Howland Library Fund" and "Sylvia Ann Howland School Fund" and inserting in the last line thereof the words "Sylvia Ann Howland Educational and Library Fund," so that the same shall read as follows: Sect. 1. The Board of Trustees who have the management, direction and control of the investment of the "Kempton Fund, Gift of Sarah E. Potter," as established by an ordinance approved March 30, 1907, are hereby appointed a Board of Trustees to have the management, direction and control of the investment of the "Charles W. Morgan Library Fund," "George Howland, Jr., Library Fund," "James B. Congdon Library Fund," "Oliver Crocker Library Fund," "George O. Crocker Library Fund," "Charles L. Wood Library Fund," "Jonathan Bourne School Fund," and the "Sylvia Ann Howland Educational and Library Fund."

Section 2. Section 4 of said ordinance is hereby amended by striking out the whole of said section and inserting in place thereof the following: Sect. 4. The Trustees of the Free Public Library, subject to the City's method governing the expenditure of city funds, shall have authority to expend such income as may be received from the "Charles W. Morgan Library Fund," "George Howland, Jr., Library Fund," "James B. Congdon Library Fund," "Oliver Crocker Library Fund," "George O. Crocker Library Fund," "Charles L. Wood Library Fund," and so much of the income from the "Sylvia Ann Howland Educational and Library Fund" as may from time to time be directed by the City Council; and the New Bedford School Committee, such income as may be received from the "Jonathan Bourne School Fund," and so much of the income from the "Sylvia Ann Howland Educational and Library Fund" as may from time to time be directed by the City Council, all expenditures therefrom to be for the purposes and in strict accordance with the conditions, restrictions and limitations specified in the several bequests and donations.

In Board of Aldermen, March 12, 1914. Passed to be ordained.

CHARLES S. ASHLEY, Mayor.

In Common Council, March 12, 1914. Passed to be ordained.

HENRY E. WOODWARD, President.

Presented to and Approved by the Mayor, March 12, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Fourteen.

AN ORDINANCE RELATIVE TO PUBLIC LIBRARY AND
PUBLIC SCHOOL FUNDS.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. The bequest of Sylvia Ann Howland of \$100,000 shall be known and designated as the "Sylvia Ann Howland Educational and Library Fund;" the donation of George Howland, Jr., of \$1600 as the "George Howland, Jr., Library Fund;" the bequest of Charles W. Morgan of \$1000 as the "Charles W. Morgan Library Fund;" the donation of James B. Congdon of \$500 as the "James B. Congdon Library Fund;" the bequest of Oliver Crocker of \$1000 as the "Oliver Crocker Library Fund;" the bequest of George O. Crocker of \$10,000 as the "George O. Crocker Library Fund;" the bequest of Elizabeth T. Wood of \$2000 as the "Charles L. Wood Library Fund;" and the donation of Jonathan Bourne of \$1000 as the "Jonathan Bourne School Fund."

In Board of Aldermen, March 12, 1914. Passed to be ordained.

CHARLES S. ASHLEY, Mayor.

In Common Council, March 12, 1914. Passed to be ordained.

HENRY E. WOODWARD, President.

Presented to and Approved by the Mayor, March 12, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Fourteen.

AN ORDINANCE REPEALING CITY ORDINANCES. CHAP-
TERS 47, 48, 49, 50, 51, 52, AND 53.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Chapters 47, 48, 49, 50, 51, 52, and 53 of the City Ordinances of 1896 and 1904 inclusive, being ordinances governing the investment of the bequests of Sylvia Ann Howland, George Howland, Jr., Charles W. Morgan, James B. Congdon, Oliver Crocker, George O. Crocker, Elizabeth T. Wood and Jonathan Bourne, and the expenditure of the income therefrom, are hereby repealed.

In Board of Aldermen, Feb. 26, 1914. Passed to be ordained.

CHARLES S. ASHLEY, Mayor.

In Common Council, Feb. 26, 1914. Passed to be ordained.

HENRY E. WOODWARD, President.

Presented to and Approved by the Mayor, Feb. 27, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Fourteen.

AN ORDINANCE AMENDING AN ORDINANCE RELATIVE
TO THE OFFICE OF CITY MESSENGER.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 1 of an ordinance relative to the City Messenger, approved by the Mayor, April 13, 1911, is hereby amended by striking out the whole of said section and inserting in the place thereof the following, viz.: "Section 1. There shall be elected annually in the month of April, by the City Council in joint convention, a city messenger, who shall hold his office for one year thereafter and until his successor is duly chosen and qualified."

Section 2. Section 3 of said ordinance is hereby amended by striking out the whole of said section and inserting in the place thereof the following, viz.: "Section 3. The salary of the city messenger shall be in amount as the city council shall from time to time determine, and shall be payable from the account of 'City Messenger.'"

Section 3. This ordinance shall take effect upon its passage.

In Board of Aldermen, April 9, 1914. Passed to be ordained.

CHARLES S. ASHLEY, Mayor.

In Common Council, April 9, 1914. Passed to be ordained.

HENRY E. WOODWARD, President.

Presented to and Approved by the Mayor, April 9, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Fourteen.

AN ORDINANCE RELATIVE TO THE GRANTING AND
ISSUING OF CERTAIN MINOR LICENSES.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. The authority vested in the Mayor and Aldermen and the City Council, by Statute, in the matter of granting and issuing the following named licenses and permits, to wit:

As an auctioneer;

To keep for hire, gain or reward, billiard, pool, and sippio tables and bowling alleys;

To sell, rent or lease firearms;

To set up, employ and use a hackney carriage for the conveyance of persons, for hire, from place to place;

As a driver of a public carriage or wagon;

To be a hawker and pedler of fruits and vegetables;

To keep an intelligence office;

To collect junk, old metals, or any second-hand articles;

To deal in junk, old metals, or any second-hand articles;

As a pawnbroker;

To act as a private detective;

To keep a public lodging house;

To take scallops within the waters of the City of New Bedford;

To establish, keep open and maintain a skating rink for the amusement of roller skating, and carousels, inclined railways, ferris wheels, and outdoor exhibitions of fire-fighting for the amusement of the public for hire, gain or reward;

To maintain a vehicle for the sale of food;

To employ and use a wagon or other vehicle for conveyance, for hire, of goods, etc., from place to place:—

is hereby delegated to the City Clerk, as permitted by Chapter 141, of the Acts of the Legislature of 1914. By virtue of such delegation, the City Clerk may, in his discretion, grant and issue such licenses, subject to the provisions of law and the regulations and restrictions set forth in this ordinance, or which may hereafter be made by law or ordinance.

Section 2. The City Clerk, before granting and issuing any of the aforementioned licenses or permits, shall satisfy himself by investigation through the police department, or by such other means as he deems desirable, that the applicant is a proper person to exercise the license applied for.

Section 3. For the assistance of the City Clerk in the investigation named in Section 2 of this ordinance, the Chief of Police is hereby directed, upon request of the City Clerk, to forthwith cause an investigation to be made and report rendered to the City Clerk, upon notification of the pendency of application for any license named herein.

Section 4. None of the licenses mentioned in Section 1 shall be granted or issued to a person who, within one year previous to the date of application therefor, has been convicted in any court in this Commonwealth of larceny, illegal gaming, or the illegal keeping or sale of intoxicating liquors, or of violation of the terms of a similar license held by him. If the holder of any of the above-named licenses is convicted in any court of the Commonwealth of larceny, illegal gaming on the licensed premises, or the illegal keeping or sale of intoxicating liquors upon the licensed premises, during the term for which his license is granted, then said license shall be revoked by the Mayor and Aldermen, upon notification of such conviction from the Chief of Police. It shall be the duty of the Chief of Police to forward such notices to the Mayor and Aldermen upon any such conviction of which he may have knowledge.

Section 5. In his discretion, the City Clerk may refer any application for either of the licenses mentioned in Section 1 of this ordinance, (excepting license to sell, rent or lease firearms, which may be referred to the City Council), to the Mayor and Aldermen, together with any information relating thereto which he may possess; then said Mayor and Aldermen, or City Council, shall determine whether or not the license applied for shall be granted, and shall pass a vote directing the City Clerk to grant and issue or refuse such license. Upon the request of any applicant who has been refused a license by the City Clerk, the City Clerk shall submit the application, together with a written statement of his grounds for such refusal, with a copy of the police report as to the application, to the Mayor and Aldermen, or City Council, as the case may require, which board shall review the matter and determine whether or not the license applied for shall be granted, and shall pass a vote directing the City Clerk to grant and issue or to refuse such license.

Section 6. The City Clerk may make transfers of licenses which involve change in location of the licensed premises.

Section 7. The City Clerk shall require, at the time of the application, from each person who applies for a license as a hawker and peddler of fruits and vegetables, or for a license as a dealer in junk, old metals or any second-hand articles, or for a license as a junk collector, a certificate from the sealer of weights and measures showing that the scales, weights, measures and balances used or intended to be used in the exercise of said license have been sealed in accordance with law.

Section 8. No license as a dealer in junk, old metals or any second-hand articles shall be granted to a person who has not declared his intention to become a citizen of the United States. No such license shall be granted to a person who has not been a resident of the city of New Bedford or to a firm the members of which have not been residents of the City of New Bedford for at least six months next preceding the date of the application for such license.

With each application for a license to deal in junk, old metals or any second-hand articles, the applicant shall file with the City Clerk a certificate, signed by the Chief of the Fire Department, to the effect that the premises covered by the application, which premises shall be clearly described in said certificate, have been inspected by said chief or his representative, within one week from the date of said application and that proper precautions against danger from fire, both within and surrounding said premises, satisfactory to said chief, have been taken. It shall be the duty of the Chief of the Fire Department, either in person or through some member of the fire department delegated by him, to make an inspection of the premises covered by every application for a license to deal in junk, old metals, or any second-hand articles, upon notification by the City Clerk, and to furnish a certificate of inspection when satisfied that the conditions warrant the same.

Section 9. No license as a junk collector or as a hawker and peddler of fruits and vegetables shall be granted to a person who has not declared his intention to become a citizen of the United States. No such license shall be granted to a person who has not been a resident of the City of New Bedford for at least six months next preceding the date of application for such license.

Section 10. Unless with the express sanction of the Mayor and Aldermen, the City Clerk shall not grant or issue (1) a license as a collector of junk to the holder of a license as a hawker and peddler of fruits and vegetables; nor (2) a license as a hawker and peddler of fruits and vegetables to the holder of a license as a junk collector. Provided, however, that in case the holder of either license herein mentioned surrenders such license, then the City Clerk may grant and issue a license of the other kind upon payment of the established fee; the purpose of this section being to prohibit one licensee from holding a license as a junk collector and a license as a hawker and peddler of fruits and vegetables at the same time, unless the same shall be permitted by express vote of the Mayor and Aldermen.

Section 11. The City Clerk shall supply badges and wagon plates to junk collectors and to hawkers and peddlers of fruits and vegetables. To holders of licenses to employ or use wagons or other vehicles for conveyance, for hire, of goods, etc., from place to place, the City Clerk shall supply wagon plates. He shall collect, therefor, at the time of the issue of said licenses, the following sums:

For each pair of wagon plates..... 50 cents

For each badge..... 50 cents

and no such licenses shall be issued until such payment is made.

Every licensee as a junk collector, and every licensee as a hawker and peddler of fruits and vegetables shall, while exercising his license, wear the badge so provided, which badge shall state the character and number of the license.

The wagon plates furnished shall be displayed by every licensee, one on each side of the body of the vehicle used by him in the exercise of his license. Said wagon plates shall state the character and number of the license, and the date of its expiration. The color of the wagon plates shall be changed each license year.

The wearing of the badge and the display of the wagon plates above mentioned is hereby made a condition of every license named in this section, to which such badge or wagon plates apply, and failure on the part of the licensee to wear the badge or to display the wagon plates, as aforesaid, while in the exercise of his license, shall be cause for the revocation of said license.

Section 12. No license named in Section 1 of this ordinance shall be granted and issued to a person under the age of 21 years. Provided, however, that a license as a driver of

a hackney carriage, or a license as a driver of a wagon or other vehicle for conveyance, for hire, of goods, etc., from place to place, may be granted to a person 16 years of age, or over.

Section 13. Any license named in Section 1 of this ordinance, excepting licenses to sell, rent or lease firearms, may be revoked by the Mayor and Aldermen, under the provisions of law. A license to sell, rent or lease firearms may be revoked by the City Council, under the provisions of law.

Section 14. Whenever there is filed with the City Clerk an application for a license on which a public hearing before the Mayor and Aldermen is required by law, the City Clerk may cause notice to be given of such hearing, to be held at the next convenient regular meeting of the Board; at the time of filing such application, the applicant shall deposit with the City Clerk a sum of money sufficient to pay the expense of such notice.

Section 15. All ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Section 16. This ordinance shall take effect upon its passage.

In Board of Aldermen, April 9, 1914. Passed to be ordained.

CHARLES S. ASHLEY, Mayor.

In Common Council, April 9, 1914. Passed to be ordained.

HENRY E. WOODWARD, President.

Presented to and approved by the Mayor, April 9, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

SOUTHEASTERN MASSACHUSETTS



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